Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit.
You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

Facility Nam	ie Douglas Corporat	tion	County No. 4300	Plant No. 0230	Year Submitted 1997
4. Applicab	le Requirements	(federal, state and local regulations	plus any federally enforceable	permit conditions)	
Emission Point/Unit	Pollutant	Applicable Requirement Authority	Emission Limit or St and Units	pii za omio_	Compliance Determination Method (Testing, Monitoring, etc.)
Plant -wide	Ozone Depleting Substances	40 CFR Part 82, Subpart A Protection of Stratospheric Ozone 82.13	Rule establishes recordkee requirements for ozone dep substances (ODS) exports.	oleting	Ozone depleting substances exports are reported to EPA on a corporate basis.
		40 CFR Part 82, Subpart B Servicing of Motor Vehicle Air Conditioners	Rule requires work practice approved recycling equipm certified technicians.		Garage employee training, certification, and equipment records are retained on site.
		40 CFR Part 82, Subpart C Ban on Nonessential Products Containing Ozone Depleting Substances	No person may sell or distrinterstate commerce any of identified in this subpart.		Ozone depleting substances (ODS) products included in aircraft and aircraft repair kits are screened against Subpart C lists and rule revisions.

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

Facility Nam	e Douglas Corporat	tion	County No.	Plant No.	Year Submitted 1997
		(federal, state and local regulation	s plus any federally enforc	eable permit conditions	Ŧ)
Emission Point/Unit	Pollutant	Applicable Requirement Authority	Emission Limit and U		Compliance Determination Method (Testing, Monitoring, etc.)
-wide	Ozone Depleting Substances	40 CFR Part 82, Subpart E Labeling of Products Using Ozone Depleting Substances 82.102, 82.106, 82. 108, and 82.110	Labeling: Rule requires the label made with or containing depleting substances. that containers contain Class II substances be Products made with or ozone depleting substances labeled, starting Jan. 1 if EPA promulgates ea Section 611 Clean Air	It also requires It als	McDonnell Douglas complies with the labeling requirements by: 1) including warning statements on or accompanying the final product delivery documentation, and 2) including warning statements on ozone depleting substances sent off-site for reclamation, etc.
		40 CFR Part 82, Subpart F Ozone Depleting Substances Recycling and Emission Reduction, Appliances	Rule requires work pra approved recycling eq technicians, refrigeran repair or replacement.	uipment, certified at loss limits, and	Refrigerant additions are tracked per unit, loss rates determined, repair or replacement initiated, recycling equipment and technician certification records retained.

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

section D

Year Submitted

cility Name cDonnell Douglas Corporation Applicable Requirements (federal, state and local regulations p			4300 plus any federally enfon	0230 ceable permit condition	1997 s)
Applicable mission pint/Unit Plant -wide	Pollutant Ozone Depleting Substances	Applicable Requirement Authority 40 CFR Part 82, Subpart G Ozone Depleting Substances Significant New Alternative Policy (SNAP)	Emission Limi and L No person may use a substances substitut has reason to know we processed, or import a use restriction described as the substance of the su	t or Standard Units n ozone depleting e which he knows or vas manufactured, ed in violation of	Compliance Determination Method (Testing, Monitoring, etc.) Refrigerants, fire suppressants, and cleaning solvents used by McDonnell Douglas are screened against SNAP rule and revisions.

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

PRM OP - D04 APPLICABLE REQUIREMENTS acility Name cDonneil Douglas Corporation Applicable Requirements (federal, state and local regulation)		County No.	Plant No. 0230	Year Submitted 1997
Applicable Requirements on Pollu	Applicable Requirement Authority	Emission Limi and U	t or Standard Inits	Compliance Determination Method (Testing, Monitoring, etc.)
Plant ** -wide ** -wide **	10 CSR 10-5.070 Open Burning Restrictions	Rule prohibits open to except for certain specified in Section(1)(E	ecified activities	McDonnell Douglas Corporation does not conduct any open burning restricted by this rule.

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

10 780-1519 (REV. April 11, 1996)

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Facility Name McDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997	
Applicable	Requirements	(federal, state and local regulations	plus any federally enforceable	le permit conditions)	
mission oint/Unit	Pollutant	Applicable Requirement Authority	Emission Limit o and Uni		Compliance Determination Method (Testing, Monitoring, etc.)
Plant	Opacity	10 CSR 10-5.090	For existing installations	or equipment,	Visual observation and agency
wide		Restriction of Emission of	the opacity must be less	than 40% when	inspection records. See
		Visible Air Contaminants	PM emissions are less t	han 25 pounds/hr.	additional unit-specific methods
			For new installations or		for combustion units:
—			opacity must be less th	an 20%. Existing	CS-005-02, CS-005-03, CS-005-04,
			installations or equipme	nt with more than	CS-101-05, and CS-101-06
			25 pounds/hr PM emissi	ons are limited to	
			less than 20% opacity.	A person may	
		-	discharge into the atmo	sphere from any	
		= = =	single source of emission	on for a period (or	
			periods) aggregating no	t more than six (6)	
			minutes in any sixty (60) minutes air con-	
			taminants of a shade or	density not	
			darker than 40% opacit	y	
			["Existing" means in be	ing, installed or	
			constructed on or befor	e March 24, 1967.	
			(St. Louis Metropolitan	Area.)]	
			["New" means any sour	ce not classified	
			as existing.]		
			McDonnell Douglas Cor	poration has both	
			"existing" and "new" er		

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

ORM OP - D04 APPLICABLE REQUIREMENTS			FEDERALLY ENFORCEABLE Section		
acility Nam	e Cornor	ation	County No. 4300	Plant No. 0230	Year Submitted 1997
Applicable	Requirements	(federal, state and local regulations	plus any federally enforceat	le permit conditions)	
Emission Point/Unit	Pollutant	Applicable Requirement Authority	Emission Limit and U	or Standard	Compliance Determination Method (Testing, Monitoring, etc.)
Plant	Opacity	10 CSR 10-5.090	Owners or operators of	f affected facilities	As of the effective date of
-wide		Restriction of Emission of	shall submit a plan for	meeting the	10 CSR 10-5.090, McDonneil
-wide		Visible Air Contaminants	requirements of this ru	le to the director	Douglas Corporation met the
			within sixty (60) days	of its effective date	requirements of this rule and
		(Continued from previous	(October 24, 1976).		was not required to submit
		page)			a compliance plan.

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

airborne.

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

or open areas to prevent fugitive particulate matter from becoming

Facility Name	lame County No.		y Name County No. Plant No. 9230				Year Submitted 1997
Emission	50.00000	Applicable Requirement Authority	Emission Limit o	r Standard	Compliance Determination Method (Testing, Monitoring, etc.)		
Point/Unit Plant	Pollutant SO ₂	10 CSR 10-5.110 (3) and (4) Restriction of Emission of	(3) For installations with less than 2,000 million B		See compliance determination for 10 CSR 10-6.260, Restrictions of		
-wide		Sulfur Dioxide for Use of	Between the months of o	October and	Emissions of Sulfur Compounds. Compliance with this rule		
		ruei	permit the burning of co	al or fuel oil	satisfies the requirements of 10 CSR 10-5.110.		
			Otherwise, no coal or fu				
			sulfur. (4) Rule states that it is		McDonnell Douglas uses fuel which contains less than 2.0%		
			which is not from an ap	proved source or	sulfur year round.		
			section (3) unless it is s emission of sulfur dioxi	hown that the			
			2.3 lbs SO ₂ per million E				
-the gra					23 10 2 10 10 10 10		

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

ORM OP - D04 APPLICABLE REQUIREMENTS acility Name AcDonnell Douglas Corporation		County No. 4300	Plant No. 0230	Year Submitted 1997	
Applicable	Requirements (/	ederal, state and local regulations (olus any federally enforceat	le permit conditions)	
Emission oint/Unit	Pollutant	Applicable Requirement Authority	Emission Limit of and Un	or Standard	Compliance Determination Method (Testing, Monitoring, etc.)
	Sulfur	10 CSR 10-5.150 (2) and (3)	(2) For existing source	s:	See compliance determination for
Plant -wide	Compounds:	Emission of Certain Sulfur	SO ₂ emission limit = 2,0	000 ppmv.	10 CSR 10-6.260. Compliance
-wide	SO ₂ ,H ₂ SO ₄ ,	Compounds Restricted	SO ₃ and/or H ₂ SO ₄ emiss	sion limit = 70 mg/m ³ .	with this rule satisfies all
		Compounde recenses			requirements of 10 CSR 10-5.150.
	SO ₃ , H ₂ S		(2) For new sources:		· ·
			SO ₂ emission limit = 50	0 ppmv.	
			SO ₃ and/or H ₂ SO ₄ emis		
			mg/m³.		
			(3) Rule limits the emis	sions of sulfur	Same compliance determination
			compounds (i.e., SO ₂ , I		as with 10 CSR 10-6.260.
			H ₂ S) to the levels spec		Sales and the same of the color
			10 CSR 10-6.010 Ambie		
			Standards.		
			Standards.		
					e de la marine de la composición della composici
					Big Talk real interest

County No. Plant No. Year Submitted 4300 0230 1997 McDonnell Douglas Corporation Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions) Emission Limit or Standard Compliance Determination	ODM OD	1104	APPLICABLE REQUIREMENTS	FEJERALL	Y ENFORCEABLE		Cotion	עו
McDonnell Douglas Corporation I. Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions) Emission Point/Unit Pollutant (CSR#, CFR#, Permit No., etc.) Plant N.A. 10 CSR 10-5.250 Time Schedule for Compliance Time Schedule for Compliance Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.) (Testing, Monitoring, etc.) (Tes			ALL LIVABLE IN STREET		Plant No.	_	Year Submitted	
Applicable Requirements (federal: state and local regulations plus any federally enforceable permittentiations) Emission	MaDonnall D	Auglas Corn	oration				1997	
Emission Point/Unit Pollutant	Annicabi	e Requireme	ents (federal, state and local regulations	s plus any federally enfo	orceable permit condition	ns)		
Plant N.A. 10 CSR 10-5.250 Requires new and existing sources to be in compliance with the regulations by certain dates specified in the rule. N.A.	Emission		Applicable Requirement Authority	Emission Limi and U	it or Standard Jnits	Compli	esting, Monitoring, etc.)	
-wide Time Schedule for in compliance with the regulations by Compliance certain dates specified in the rule.		NΔ	10 CSR 10-5.250	Requires new and ex	isting sources to be		N.A.	_
Compliance certain dates specified in the rule.	_ 1					1 115111		_
				certain dates specifie	ed in the rule.	u pui ilgi a	all a man constant on	_
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Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

Facility Nam	e Louglas Corpora	ation if (federal) state and local regulations of	County No. 4300	Plant No. 0230 permit conditions)	Year Submitted 1997
Emission Point/Unit Plant -wide Plant -wide	Pollutant Regulated Air Contami- nants* SO ₂ , CO, NO ₂ , O ₃ , PM-10	Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.) 10 CSR 10-6.110 Submission of Emission Fees and Process Information 10 CSR 10-6.130 Controlling Emissions During Episodes of High Air Pollution Potential	Emission Limit or Sand Units Facility is required to subm EIQ report since its potential of any one pollutant listed in 10 CSR 10-6.020(3) exceed levels. Facility is also requirement emission fees per ton of positive during high periods of air protential. The facility is required evelop alert plans which in implement when requested (10 CSR 10-6.130 (7)-(9)).	it an annual al emissions n Table 1 of the de minimis ired to pay ollutant. director's role collution quired to t must	Compliance Determination Method (Testing, Monitoring, etc.) McDonnell Douglas Corporation prepares and submits an annual Emission Inventory Questionnaire report with all appropriate emission fees to the agency. McDonnell Douglas Corporation shall implement requests of the agency director during periods of high air pollution control potential for its stationary sources. An Air Pollution Episode Plan was submitted to St. Louis County on August 19, 1992.

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

MO 780-1519 (REV, April 11, 1996)

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PPLICABLE REQUIREMENTS		FEDERALLY ENFORCEABLE	
FFEIOABLE REGUIREMENT	County No.	Plant No.	Year Submitted

Applicable Requiremen	oration hts (federal, state and local regulations				1997
Emission Point/Unit Plant -wide Any Regulated Air Contami- nants	Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.) 10 CSR 10-6.150 Circumvention	Emission Limit or S and Units No limits or standards. Rul prohibits facilities from con diluting emissions of a poll a rule of the Air Conservation	e cealing or utant violating	(Testing	Determination Method g, Monitoring, etc.) Douglas Corporation ne requirements of

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

Facility Name)		County No.	Plant No.	Year Submitted
McDonnell Do	ouglas Corporat	ion	4300	0230	1997
		federal, state and local regulations (olus any federally <mark>enforceabl</mark>	e permit conditions)	
Emission Point/Unit	Pollutant	Applicable Requirement Authority	Emission Limit or and Unit		Compliance Determination Method (Testing, Monitoring, etc.)
Plant-wide	*	10 CSR 10-6.180	Rule states that any sou	irce shall	McDonnell Douglas has
		Measurement of Emissions	complete, or have comp	leted, tests of	performed tests in the past at the
		of Air Contaminants	emissions or, at the opt	ion of the	agency director's request and will
			agency, make the sourc	e available for	continue to do so as required by
		_	tests of emissions.		the regulation.
			-		
I .			AV-2010-00-00-00-00-00-00-00-00-00-00-00-00-		
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	***********		3345.000	Chick	
			- How - 1 - 10 or		
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Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

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	5-04	APPLICABLE REQUIREMENTS	FI	EDERALLY ENFORCE	ABLE Section D
ORM OP -		APPLICABLE REGUINEMENTO	County No.	Plant No.	Year Submitted 1997
	Seveles Com	poration	4300	0230	1997
Chounenr	Jouglas Corp	ents (federal, state and local regulation	s plus any federally enforcea	ble permit conditions)	A Company
Applicab	ie Kediiliem	anta (rederar, state and received			Compliance Determination Method
Emission Point/Unit	Pollutant	Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.)	Emission Limit or S and Units	tandard	(Testing, Monitoring, etc.)
			See Attac	hed	
	1				
,					

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

)P - D04			County No.	Plant No.	Year Submitted
McDonnell Douglas Corporation					0230	1997
ote: In ac	dition to the formula in the formula	oliowing "emission unit specific" applic IcDonnell Douglas' obligation to record	able requiremen keep, prepare, a	ts, all emission points included on this form are reported annual nd submit an annual emissions report for these sources is being	ndaresses north as a principal of t	euestionnaire requirement. COMPLIANCE DETERMINATION METHO
EIQ	EMISSION	EMISSION UNIT		APPLICABLE	EWISSION FIWIT OK STANDARD	(TESTING, MONITORING, ETC.)
DINT NO.		DESCRIPTION	POLLUTANT	REQUIREMENTS	AND UNITS	(TESTING, MONITORING, ETC.)
	S/SEALANTS		I Tellesia			
S-STL-01		Adhesive/Sealant Booth (Research & Development)	VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St Louis County APC Code, Chapter 612 - Section 612.110 St Louis County Construction Permit #1207	None	N.A.
III DING	FUGITIVES		Land Chief Co.			
F-STL-01		Paint and Epoxy Mixing Booth	VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1623	None	N.A.
BF-STL-03	BF-STL-03	Facility-Wide Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-002-03	BF-002-03	Building No. 2 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63, 743, 63, 744, 63, 749, 63, 750, 63, 752 and 63, 753, 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-027-03	BF-027-03	Building No. 27 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 2: 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-029-03	BF-029-03	Building No. 29 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 27 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-048-03	BF-048-03	Building No. 48 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOCATAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 2: 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-066-03	BF-066-03	Building No. 66 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
BF-101-03	BF-101-03	Building No. 101 Cleaning and Hand-Wipe Activities (Aerospace Production)	VOCATAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 2: 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.

FORM OP - D04 Year Submitted Plant No. County No. Facility Name 1997 0230 **McDonnell Douglas Corporation** 4300 Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE **EMISSION UNIT** EIO **EMISSION** (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS DESCRIPTION POLLUTANT UNIT NO. POINT NO. BUILDING FUGITIVES An initial notification was sent to EPA on December 22, As Identified in the Aerospace NESHAP (as amended) 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP Building No. 102 Cleaning and Hand-Wipe BF-102-03 BF-102-03 1995. However, a compliance determination is not (as revised on the date of Title V Permit issuance) Activities (Aerospace Production) required at this time since the compliance date for this Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 NESHAP is not until September 1, 1998 for existing 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations sources. See Form OP-D05 for future compliance (same as latest version of 40 CFR 63, Subpart GG) determination methods. As Identified in the Aerospace NESHAP (as amended) An initial notification was sent to EPA on December 22, 40 CFR Part 63, Subpart GG, Aerospace NESHAP Building No 220 Cleaning and Hand-Wipe VOC/HAP BF-220-03 BF-220-03 1995. However, a compliance determination is not (as revised on the date of Title V Permit issuance) Activities (Aerospace Production) required at this time since the compliance date for this Applicable Subsections of 63.743, 63.744, 63.749, 63.750, 63.752 and 63.753 NESHAP is not until September 1, 1998 for existing 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations sources. See Form OP-D05 for future compliance (same as latest version of 40 CFR 63, Subpart GG) determination methods. An initial notification was sent to EPA on December 22, 40 CFR Part 63, Subpart GG, Aerospace NESHAP As Identified in the Aerospace NESHAP (as amended) Building No. 245 Cleaning and Hand-Wipe VOC/HAP BF-245-03 BF-245-03 1995. However, a compliance determination is not (as revised on the date of Title V Permit issuance) Activities (Aerospace Production) required at this time since the compliance date for this Applicable Subsections of 63,743, 63,744, 63,749, 63,750, 63,752 and 63,753 NESHAP is not until September 1, 1998 for existing 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations sources. See Form OP-D05 for future compliance (same as latest version of 40 CFR 63, Subpart GG) determination methods. McDonnell Douglas will initiate a process change to 40 CFR Part 68, Clean Air Act, Section 112 (r). Facilities that have processes using hazardous chemicals 70% Hydrofluoric Acid Usage and Storage in NONE MS-027-05 reduce the Hydrofluoric Acid solutions to a concentration which exceed the thresholds defined in the "List Rule" Accidental Release Prevention Program Chemical Processing Area not covered by this rule or will implement a Risk (59 FR 4478) are required to develop and implement a Risk Management Plan (RPM) by June 21, 1999 for those Management Plan. Facilities are also required to register with EPA and update the Risk Management Plan as necessary. chemical processing areas covered by this rule. McDonnell Douglas will initiate a process change to Facilities that have processes using hazardous chemicals 40 CFR Part 68, Clean Air Act, Section 112 (r), 70% Hydrofluoric Acid Usage and Storage in HAP NONE MS-052-01 reduce the Hydrofluoric Acid solutions to a concentration which exceed the thresholds defined in the "List Rule" Accidental Release Prevention Program Chemical Processing Area not covered by this rule or will implement a Risk (59 FR 4478) are required to develop and implement a Risk Management Plan (RPM) by June 21, 1999 for those Management Plan. Facilities are also required to register with EPA and update the Risk Management Plan as necessary chemical processing areas covered by this rule. COLD CLEANERS McDonnell Douglas uses cold cleaners meeting the Rule establishes: 1) equipment specifications, 10 CSR 10-5,300, Control of Emissions from Solvent Metal Cleaning VOC Facility-Wide Cold Cleaners CC-STL-01 | CC-STL-01A specifications identified in Section (4) (A) of the rule; 2) operating procedures, 3) monthly record keeping and has annual operator training and monthly record requirements, and 4) annual operator training. keeping systems in place. An initial potification was sent to EPA on December 22, 40 CFR Part 63, Subpart GG, Aerospace NESHAP As Identified in the Aerospace NESHAP (as amended) VOC/HAP CC-STL-01B Spray Gun Cleaning Operations CC-STL-01 1995. However, a compliance determination is not (as revised on the date of Title V Permit issuance) (Aerospace Production) required at this time since the compliance date for this Applicable Subsections of 63,743, 63,744, 63,749, 63,751, 63,752 and 63,753 NESHAP is not until September 1, 1998 for existing 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations sources. See Form OP-D05 for future compliance (same as latest version of 40 CFR 63, Subpart GG) determination methods Same as EU: CC-STL-01A Same as EU CC-STL-01A 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning VOC 10 CSR 10-6.060, Construction Permits Required/ VOC CC-101-14 Parts Cleaning Bench CC-STL-01 St. Louis County APC Code, Chapter 612 - Section 612 110 N.A. None St. Louis County Construction Permit #1711:

FORM OP - D04

Year Submitted Plant No. County No. Facility Name 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE **EMISSION UNIT EMISSION** (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT DESCRIPTION POINT NO. UNIT NO. COLD CLEANERS Same as EU CC-STL-01A Same as EU CC-STL-01A 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning VOC CC-STL-01 | CC-101-15 Cold Cleaner 10 CSR 10-6.060, Construction Permits Required/ VOC St Louis County APC Code, Chapter 612 - Section 612.110 Construction Permit #6188: St. Louis County Construction Permit #6188 (Issued: 3/7/96) Construction Permit #6188: Solvents are limited to N-Methyl Pyrrolidone or an Aliphatic Compliant solvent is used. Hydrocarbon which has been pre-approved by the program Same as EU:CC-STL-01A Same as EU: CC-STL-01A 10 CSR 10-5,300. Control of Emissions from Solvent Metal Cleaning VOC Cold Cleaner CC-102-01 CC-STL-01 Same as EU:CC-STL-01A Same as EU: CC-STL-01A 10 CSR 10-5,300, Control of Emissions from Solvent Metal Cleaning VOC Cold Cleaner CC-105-01 CC-STL-01 VOC 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 Construction Permit #6180: St. Louis County Construction Permit #6180 (Issued: 2/15/96) Construction Permit #6180: Solvents are limited to N-Methyl Pyrrolidone or an Aliphatic Compliant solvent is used. Hydrocarbon which has been pre-approved by the program Same as EU CC-STL-01A Same as EU: CC-STL-01A 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning VOC CC-101-01 CC-101-16 Cold Cleaner Same as EU: CC-STL-01A Same as EU CC-STL-01A 10 CSR 10-5,300, Control of Emissions from Solvent Metal Cleaning VOC DT-101-07 Dip Tank CC-101-02 10 CSR 10-6,060, Construction Permits Required/ VOC St. Louis County APC Code, Chapter 612 - Section 612 110 N.A. St. Louis County Construction Permit #1407 Same as EU:CC-STL-01A Same as EU: CC-STL-01A 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning VOC DT-101-08 Dip Tank CC-101-02 10 CSR 10-6.060, Construction Permits Required/ VOC St. Louis County APC Code, Chapter 612 - Section 612.110 N.A. None St. Louis County Construction Permit #1407 Same as EU CC-STL-01A Same as EU: CC-STL-01A 10 CSR 10-5,300, Control of Emissions from Solvent Metal Cleaning VOC Cold Cleaner CC-221-01 CC-STL-01 10 CSR 10-6.060, Construction Permits Required/ VOC St. Louis County APC Code, Chapter 612 - Section 612.110 Construction Permit #6114: Construction Permit #6114: St. Louis County Construction Permit #6114 (Issued: 7/18/95) 1) Records indicate that operation is within allowable 1) The operation is limited to a twelve (12) month rolling verage as follows: a) 550 gailons of solvents b) average solvent weight of ten (10) pounds per gallon 2) Records are maintained which show the amount and 2) McDonnell Douglas shall maintain records which show veight of each material added. the amount and weight of each material added to the unit. Should the records show that the limits established in Condition #1 have been exceeded, McDonnell Douglas shall notify the APC Section by the next working day. 3) Records shall be maintained on site for two (2) years and 3) Records are maintained for two (2) years. made available to the Program Director or his designated agent at any reasonable time

dote: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire inless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EIQ	EMISSION	EMISSION UNIT	- 10 mm	APPLICABLE	EMISSION LIMIT OR STANDARD	COMPLIANCE DETERMINATION METHOD
INT NO.	UNIT NO.	DESCRIPTION	POLLUTANT	REQUIREMENTS	AND UNITS	(TESTING, MONITORING, ETC.)
TING L						
-002-01	SB-002-01	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	As Identified in the Aerospace NESHAP (as amended)	An initial notification was sent to EPA on December 22, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing sources. See Form OP-D05 for future compliance determination methods.
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	The emission of particulate matter during any one (1) hour cannot exceed the concentrations shown in Table II of the rule for the process weight rate associated with that source.	Concentrations, as determined by engineering and mass balance calculations using material throughputs, spray gun transfer efficiency, and booth filter efficiency, do not exceed the requirements of this rule.
			voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Emission limit for aerospace assembly and components: Primers: 6.0 lbs VOC/gal (less H ₂ O and exempt VOCs) Topcoats: 5.0 lbs VOC/gal (less H ₂ O and exempt VOCs)	McDonnell Douglas complies with this rule by following the appropriate record keeping requirements of Section (6).
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1780	Construction Permit #1780: 1) Limit 7,000 gallons of coatings per calendar year. 2) Daily records of gallons of coatings by aircraft type and in accordance with 10 CSR 10-5,330 shall be maintained for 2 years and shall be made available upon request. 3) A quarterly report of the gallons of coatings used in the booth shall be submitted to the Program Manager.	Construction Permit #1780: McDonnell Douglas has established a daily record keeping system which tracks type and gallons of each type of aircraft coating used. Based on this data, McDonnell Douglas prepares a quarterly report of the amount of coatings used in the booth and submits the report to St. Louis County.
-002-02	SB-002-06	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
L-027-01 SB-	SB-027-01	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.750, 63.751, 63.752, and 63.752 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU; SB-002-01
			voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01

Section D FORM OP - D04 Plant No. Year Submitted County No. Facility Name 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonneil Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE **EMISSION UNIT EMISSION** (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS DESCRIPTION POLLUTANT POINT NO. UNIT NO. COATING LINE Same as EU SB-002-01 Same as EU SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP Spray Booth CL-027-01 SB-027-02 (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63,743, 63,745, 63,749, 63,750, 63,751, 63,752, and 63,753 10 CSR 10-6,075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU: SB-002-01 Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU: SB-002-01 Same as EU SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface VOC **Coating Operations** Same as EU SB-002-01 Same as EU SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP Spray Booth CL-027-01 SB-027-03 (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63 743, 63 745, 63 749, 63 750, 63 751, 63 752, and 63 753 10 CSR 10-6,075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU: SB-002-01 Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU: SB-002-01 Same as EU: SB-002-01 10 CSR 10-5,330, Control of Emissions from Industrial Surface VOC **Coating Operations** Same as EU SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP Same as EU SB-002-01 VOC/HAP Spray Booth CL-027-01 SB-027-04 (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63 743, 63 745, 63 749, 63 750, 63 751, 63 752, and 63 753 10 CSR 10-6,075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU SB-002-01 Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU: SB-002-01 Same as EU: SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface VOC **Coating Operations** Same as EU SB-002-01 Same as EU SB-002-01 VOC/HAP 40 CFR Part 63, Subpart GG, Aerospace NESHAP CL-027-01 SB-027-05 Spray Booth (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU: SB-002-01 Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes

10 CSR 10-5.330, Control of Emissions from Industrial Surface

Coating Operations

VOC

Same as EU: SB-002-01

Same as EU SB-002-01

FORM OP - D04

ORM O				County No.	Plant No.	Year Submitted
icinity (va		nell Douglas Corporat	ion	4300	0230	1997
te: In ad less other	dition to the fo	ollowing "emission unit specific" ap IcDonnell Douglas' obligation to rec	plicable requireme ord keep, prepare,	nts, all emission points included on this form are reported annually and submit an annual emissions report for these sources is being a	iduressed herent as a phant-wide apprendic re	quirement.
EIQ OINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
ATING I	LINE					
CL-029-01	CL-029-01	Coating Line (Aerospace Production) (Adhesive Bonding Primets and Specialty Coatings)	VОСЛІАР	All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in: 40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.755, 63.759, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01 as applicable	This booth is currently used solely for applying adhesive bonding primers and specialty coatings. These activities are exempt from the requirements of 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting and monitoring requirements, as provided under EU: SB-002-6 For future compliance, see Form OP-D03 associated with SB-002-01 for the applicable requirements of 40 CFR Part 63, Subpart GG.
=			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
			VOCAIAP/PM	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #6259	Construction Permit #6259: 1) Adhesive bonding usage is limited to five hundred twenty-six (526) gallons of material containing six and sixty-six one-hundredths (6.66) pounds of VOC and HAP, or an equivalent number of gallons of exempt adhesive bonding material containing greater or lesser amounts of VOC and HAP, on a twelve (12) month rolling average. 2) McDonnell Douglas shall maintain monthly records of adhesive bonding usage and it's VOC and HAP content per gallon on site for the latest twenty-four (24) month period, which clearly demonstrates compliance with the limit established in condition #1, above These records shall be made available to the Program Manager, or his designated agent, at any reasonable time. 3) Should the records indicate that a violation of condition #1 has occurred, McDonnell Douglas shall notify the Program Manager by no later than the next working day	Construction Permit #6259: McDonnell Douglas demonstrates compliance by the record keeping method specified in condition #2 and the reporting requirements specified in condition #3 of the permit
CL-029-02	SB-029A-01	Spray Booth (QA/QC)	VOCAHAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP	Same as EU: SB-002-01	Same as EU: \$B-002-01
				(as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.752 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	3	
	55 90		PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU; SB-002-01	Same as EU; SB-002-01
	=		voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-902-01	Same as EU; SB-002-01
			НАР	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1755 (Issued: 3/21/90)	Construction Permit #1755: Unit is limited to 2,000 hours of operation per calendar year,	Construction Permit #1755: McDonnell Douglas limits the hours of operation to 2,000 hours per calendar year.

Section D FORM OP - D04 Year Submitted Piant No. County No. **Facility Name** 0230 1997 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questlonnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE **EMISSION UNIT** EMISSION (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS DESCRIPTION POLLUTANT POINT NO. UNIT NO. COATING LINE 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP CL-048-01 MB-048-01 Paint Mixing Hood St. Louis County APC Code, Chapter 612 - Section 612.110 N.A. St. Louis County Construction Permit #1521 Same as EU: SB-002-01 Same as EU: SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP CL-048-01 SB-048-01 Spray Booth (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter Same as EU: SB-002-01 PM from Industrial Processes Same as EU: SB-002-01 Same as EU: SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface VOC Coating Operations Same as EU: SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP Same as EU: SB-002-01 VOC/HAP Spray Booth SB-048-02 CL-048-01 (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63,743, 63,745, 63,749, 63,750, 63,751, 63,752, and 63,753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU: SB-002-01 Same as EU: SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface Same as EU: SB-002-01 VOC **Coating Operations** 40 CFR Part 63, Subpart GG, Aerospace NESHAP Same as EU: SB-002-01 Same as EU: SB-002-01 VOC/HAP SB-048-03 Spray Booth CL-048-01 (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU SB-002-01 Same as EU: SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface Same as EU: SB-002-01 VOC **Coating Operations** Same as EU SB-002-01 Same as EU: SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP Spray Booth VOC/HA'P SB-048-04 CL-048-01 (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter Same as EU: SB-002-01 PM from Industrial Processes Same as EU SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface Same as EU SB-002-01 VOC Coating Operations

Section D FORM OP - D04 Year Submitted Plant No. County No. **Facility Name** 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE EMISSION UNIT EMISSION (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT DESCRIPTION UNIT NO. POINT NO. COATING LINE Same as EU: SB-002-01 Same as EU: SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP CL-048-01 SB-048-05 Spray Booth (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63,743, 63,745, 63,749, 63,750, 63,751, 63,752, and 63,753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU SB-002-01 Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU: SB-002-01 Same as EU: SB-002-01 10 CSR 10-5,330. Control of Emissions from Industrial Surface VOC Coating Operations Same as EU: SB-002-01 Same as EU: SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP Spray Booth CL-048-01 SB-048-06 (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63,743, 63,745, 63,749, 63,750, 63,751, 63,752, and 63,753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU: SB-002-01 Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU SB-002-01 Same as EU SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface VOC Coating Operations Same as EU: SB-002-01 Same as EU SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP Spray Booth VOC/HAP CL-048-01 SB-048-07 (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63,743, 63,745, 63,749, 63,750, 63,751, 63,752, and 63,753 10 CSR 10-6,075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU: SB-002-01 Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU SB-002-01 Same as EU: SB-002-01 10 CSR 10-5,330, Control of Emissions from Industrial Surface VOC Coating Operations Same as EU SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP Same as EU SB-002-01 VOC/HAP CL-048-01 SB-048-08 Spray Booth (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63 743, 61 745, 63 749, 63 750, 63 751, 63 752, and 63 753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU SB-002-01 Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes

10 CSR 10-5.330, Control of Emissions from Industrial Surface

Coating Operations 10 CSR 10-6.060, Construction Permits Required/

St. Louis County APC Code, Chapter 612 - Section 612 110

St. Louis County Construction Permit #1521

VOC

VOC/HAP

Solvent Drum Storage and Dispensing Area

VS-048-01

CL-048-01

Same as EU SB-002-01

N.A.

Same as EU: SB-002-01

None

FORM OP - D04 Year Submitted Plant No. County No. **Facility Name** 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE **EMISSION UNIT EMISSION** (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS DESCRIPTION POLLUTANT POINT NO. UNIT NO. COATING LINE All coatings applied in this booth shall comply with the requirements Spray Booth CL-060-01 SB-060-01 applicable to aerospace assembly and components, if any, contained in: (Aerospace Production Using Aerosol Cans) Same as EU: SB-002-01 as applicable This booth is currently used solely for applying 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP paint with aerosol cans. These activities are exempt (as revised on the date of Title V Permit issuance) from the requirements of 40 CFR Part 63, Subpart GG. Applicable Subsections of 63,743, 63,745, 63,749, 63,750, 63,751, 63,752, and 63,753 If covered aerospace operations are undertaken in 10 CSR 10-6,075, Maximum Achievable Control Technology Regulations this booth, then McDonnell Douglas will implement (same as latest version of 40 CFR Part 63, Subpart GG) all applicable record keeping, reporting and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Form OP-D05 associated with SB-002-01 for the applicable requirements of 40 CFR Part 63, Subpart GG Same as EU SB-002-01 Same as EU: SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU: SB-002-01 Same as EU SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface VOC **Coating Operations** 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP Two Paint Mixing Hoods MB-063-01 St. Louis County APC Code, Chapter 612 - Section 612.110 N.A. St. Louis County Construction Permit #1491 None Same as EU: SB-002-01 Same as EU: SB-002-01 VOC/HAP 40 CFR Part 63, Subpart GG, Aerospace NESHAP Spray Booth CL-063-01 SB-063-01 (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU: SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter Same as EU: SB-002-01 PM from Industrial Processes Same as EU SB-002-01 Same as EU SB-002-01 10 CSR 19-5.330, Control of Emissions from Industrial Surface VOC Coating Operations 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP/PM St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1490 None N.A.

Section D FORM OP - D04 Year Submitted Plant No. County No. **Facility Name** 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE **EMISSION UNIT EMISSION** EIQ (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT DESCRIPTION POINT NO. UNIT NO. COATING LINE Same as EU: SB-002-01 Same as EU: SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP Spray Booth CL-066-01 SB-066-01 (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63,743, 63,745, 63,749, 63,750, 63,751, 63,752, and 63,753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU SB-002-01 Same as EU: SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU: SB-002-01 Same as EU SB-002-01 VOC 10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP/PM St. Louis County APC Code, Chapter 612 - Section 612 110 Construction Permit #1369: Construction Permit #1369: St. Louis County Construction Permit #1369 McDonnell Douglas limits the hours of operation to Unit is limited to 2,080 hours of operation per calendar year 2,080 hours of operation per calendar year 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP/PM SB-066-02 Spray Booth CL-066-01 St. Louis County APC Code, Chapter 612 - Section 612 110 (Research & Development Activities) Construction Permit #1366: Construction Permit #1366: St. Louis County Construction Permit #1366 Unit is limited to 2,080 hours of operation per calendar year. McDonnell Douglas limits the hours of operation to 2,080 hours of operation per calendar year. This booth is currently used solely for research Same as EU: SB-002-01 as applicable All coatings applied in this booth shall comply with the requirements and development. Per McDonnell Douglas' conapplicable to aerospace assembly and components, if any, contained in versations with the permitting agency, research and 10 CSR 10-5,330 (Control of Emissions from Industrial Surface Coating development activities are exempt from the require-Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate ments of 10 CSR 10-5 050, 10 CSR 10-5 330, and Particulate Matter from Industrial Processes), and 40 CFR Part 63, 40 CFR Part 63. Subpart GG. If covered aerospace Subpart GG (Aerospace NESHAP). operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU SB-002-01. For future compliance, see Forms OP-DOS associated with SB-002-01 for the applicable requirements. All coatings applied in this booth shall comply with the requirements Bench Spray Hood CL-101-01 SB-101-01 applicable to aerospace assembly and components, if any, contained in: (Specialty Coatings Only) (Acrospace Production) This booth is currently used solely for applying Same as EU SB-002-01 as applicable 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP specialty coatings. These activities are exempt from (as revised on the date of Title V Permit issuance) the requirements of 40 CFR Part 63, Subpart GG Applicable Subsections of 63,743, 63,745, 63,749, 63,750, 63,751, 63,752, and 63,753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations If covered perospace operations are undertaken in this booth, then McDonnell Douglas will implement all (same as latest version of 40 CFR Part 63, Subpart GG) applicable record keeping, reporting and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Form OP-D05 associated with SB-002-01 for the applicable requirements of 40 CFR Part 63, Subpart GG Same as EU SB-002-01 Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface Same as EU SB-002-01 VOC

Coating Operations

FORM OP - D04

Facility Name
McDonnell Douglas Corporation

County No.

A300

Plant No.
Plant No.
Plant No.
1997

Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EIQ	EMISSION	EMISSION UNIT		APPLICABLE	EMISSION LIMIT OR STANDARD	COMPLIANCE DETERMINATION METHOD
OINT NO.	UNIT NO.	DESCRIPTION	POLLUTANT	REQUIREMENTS	AND UNITS	(TESTING, MONITORING, ETC.)
DATING I						
CL-101-01	SB-101-07	Bench Spray Hood (Adhesives)	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
	71	(Aerospace Production)	voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-101-01	SB-101-25	Spray Booth	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP	Same as EU SB-002-01	Same as EU SB-002-01
.L-101-01	38-101-23	(Aerospace Production)		(as revised on the date of Title V Permit issuance)		
		(Actospace Flodoction)	1	Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753		
				10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)		i - i
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
			VOC	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU SB-002-01
L-101-01	SB-101-26	Spray Booth	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP	Same as EU_SB-002-01	Same as EU: SB-002-01
CE-101-01	35-101-20	(Aerospace Production)		(as revised on the date of Title V Permit issuance) Applicable Subsections of 63.741, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)		
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
CL-101-01	SB-101-27	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU; SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
			voc '	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU SB-002-01
CL-101-01	SB-101-29	Bench Spray Hood (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753	Same as EU SB-002-01	Same as EU SB-002-01
			-	10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)		
	1771		PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU; SB-002-01	Same as EU: SB-002-01
			voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU; SB-002-01	Same as EU: SB-002-01
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St Louis County APC Code, Chapter 612 - Section 612.110 St Louis County Construction Permit #1624	None	N A

FORM OP - D04

Facility Name
McDonnell Douglas Corporation

County No.
4300

Plant No.
Plant No.
Plant No.
1997

Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EIQ	EMISSION	EMISSION UNIT		and submit an annual emissions report for these sources is being a APPLICABLE	EMISSION LIMIT OR STANDARD	COMPLIANCE DETERMINATION METHOD
OINT NO.	UNIT NO.	DESCRIPTION	POLLUTANT	REQUIREMENTS	AND UNITS	(TESTING, MONITORING, ETC.)
DATING I						
CL-101-01	SB-101-30	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63,743, 63,745, 63,749, 63,750, 63,751, 63,752, and 63,753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU(SB-002-01
CL-101-01	SB-101-39	Spray Booth (Aerospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63 743, 63 745, 63 749, 63 750, 63 751, 63 752, and 63 753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU. SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
	14		voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU: SB-002-01	Same as EU SB-002-01
CL-101-01	SB-101-44	Bench Sμιαy Hood	VÕC/HAP/PM	All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in 10 CSR 10-5 330 (Control of Emissions from Industrial Surface Coating Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate Particulate Matter from Industrial Processes), and 40 CFR Part 63, Subpart GG (Aerospace NESHAP).	Same as EU SB-002-01 as applicable	This booth is currently used solely for applications which do not involve topcoats or primers. These activities are exempt from the requirements of 10 CSR 10-5.050, 10 CSR 10-5.330, and 40 CFR Part 63, Subpart GG. If covered industrial operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU SB-002-01. For future
						compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements.
CL-101-02	\$B-101-02	Spray Booth (Aerospace Production and Research & Development Activities)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63 743, 63.745, 63.749, 63.750, 63 751, 63.752, and 63 75. 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU SB-002-01	Same as EU SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coaling Operations	Same as EU: SB-002-01	Same as EU: SB-002-01
	and Abra		VОС/НАР/РМ	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1754	Construction Permit #1754: Unit is limited to 2,000 hours of operation per calendar year	Construction Permit #1754: McDonnell Douglas limits the hours of operation to 2,000 hours of operation per calendar year

FORM OP - D04 Year Submitted Plant No. County No. Facility Name 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE **EMISSION UNIT** EMISSION EIQ (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT UNIT NO. DESCRIPTION POINT NO. COATING LINE Same as EU: SB-002-01 Same as EU: SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP CL-101-02 SB-101-33 Spray Booth (as revised on the date of Title V Permit issuance) (Aerospace Production and Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 Research & Development Activities) 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU SB-002-01 Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU SB-002-01 Same as EU: SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface VOC Coating Operations Same as EU: SB-002-01 Same as EU SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP SB-101-40 Spray Booth CL-101-02 (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63,743, 63,745, 63,749, 63,750, 63,751, 63,752, and 63,753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter Same as EU SB-002-01 PM from Industrial Processes Same as EU: SB-002-01 Same as EU SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface VOC Coating Operations Same as EU SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP Same as EU SB-002-01 VOC/HAP Spray Booth CL-101-02 SB-101-40A (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63, 743, 63, 745, 63, 749, 63, 750, 63, 751, 63, 752, and 63, 753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU: SB-002-01 Same as EU: SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface Same as EU SB-002-01 VOC **Coating Operations** 10 CSR 10-6.060, Construction Permits Required/ VOCATAP CL-101-03 MB-101-01 Paint Mixing Hood St. Louis County APC Code, Chapter 612 - Section 612 110 St Louis County Construction Permit #6208 (Issued: 4/26/96) Same as EU SB-101-45 Same as EU SB-101-45

Section D FORM OP - D04 Year Submitted Piant No. County No. **Facility Name** 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE **EMISSION UNIT** EMISSION EIO (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT DESCRIPTION UNIT NO. POINT NO. COATING LINE All coatings applied in this booth shall comply with the requirements Spray Booth (Periodic Aerospace Production CL-101-03 SB-101-04 applicable to aerospace assembly and components, if any, contained in and Research & Development) Same as EU; SB-002-01 as applicable Per McDonnell Douglas' conversations with the permitting 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP agency, research and development activities are exempt (as revised on the date of Title V Permit issuance) from the requirements of 10 CSR 10-5.050, 10 CSR 10-5.330 Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 and 40 CFR Part 63, Subpart GG. When covered aerospace 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations operations are undertaken in this booth, then McDonnell (same as latest version of 40 CFR Part 63, Subpart GG) Douglas will implement all applicable record keeping, reporting and monitoring requirements, as provided under Same as EU: SB-002-01 as applicable 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM EU: SB-002-01. For future compliance, see Forms OP-D05 from Industrial Processes associated with SB-002-01 for the applicable requirements. Same as EU: SB-002-01 as applicable 10 CSR 10-5.330, Control of Emissions from Industrial Surface VOC **Coating Operations** 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP/PM St. Louis County APC Code, Chapter 612 - Section 612.110 Construction Permit #5988: St. Louis County Construction Permit #5988 (Issued: 4/26/96) Construction Permit #5988: McDonnell Douglas demonstrates compliance 1) Paint usage is limited to 2000 gals/yr. by the record keeping method specified in condition 2) Record keeping for this operation must be maintained #2 and the reporting requirements specified in as required by 10 CSR 10-5.330. 3) Report of paint usage from this operation must be condition #3 of the permit. submitted to St. Louis County - Air Pollution Control 10 CSR 10-6,060, Construction Permits Required/ VOC/HAP/PM Spray Booth (Research & Development) CL-101-03 SB-101-41 St. Louis County APC Code, Chapter 612 - Section 612.110 N.A. None St. Louis County Construction Permit #1621 This booth is currently used solely for research Same as EU: SB-002-01 as applicable All coatings applied in this booth shall comply with the requirements and development. Per McDonnell Douglas' conapplicable to aerospace assembly and components, if any, contained in versations with the permitting agency, research and 10 CSR 10-5 330 (Control of Emissions from Industrial Surface Coating development activities are exempt from the require-Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate ments of 10 CSR 10-5.050, 10 CSR 10-5.330, and Particulate Matter from Industrial Processes), and 40 CFR Part 63, 40 CFR Part 63, Subpart GG. If covered aerospace Subpart GG (Aerospace NESHAP) operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements Same as EU: SB-002-01 Same as EU: SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP Spray Booth (Mock-up and Tooling, CL-101-03 SB-101-06 (as revised on the date of Title V Permit issuance) Periodic Aerospace Production) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG) Same as EU SB-002-01 Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM from Industrial Processes Same as EU SB-002-01 Same as EU SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface VOC Coating Operations 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP/PM St. Louis County APC Code, Chapter 612 - Section 612.110 N.A. St. Louis County Construction Permit #1473 None

Section D FORM OP - D04 Year Submitted Plant No. County No. Facility Name 1997 0230 **McDonnell Douglas Corporation** 4300 Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. EMISSION LIMIT OR STANDARD COMPLIANCE DETERMINATION METHOD APPLICABLE EMISSION UNIT **EMISSION** EIO (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT DESCRIPTION POINT NO. UNIT NO. COATING LINE VOC/HAP/PM 10 CSR 10-6.060, Construction Permits Required/ Spray Booth CL-101-03 SB-101-43 St. Louis County APC Code, Chapter 612 - Section 612.110 (Research & Development) N.A. None St. Louis County Construction Permit #1474 Same as EU: SB-002-01 as applicable This booth is currently used solely for research All coatings applied in this booth shall comply with the requirements and development. Per McDonnell Douglas' conapplicable to aerospace assembly and components, if any, contained in versations with the permitting agency, research and 10 CSR 10-5,330 (Control of Emissions from Industrial Surface Coating Operations), 10 CSR 10-5.050 (Restriction of Emission of Particulate development activities are exempt from the requirements of 10 CSR 10-5.050, 10 CSR 10-5.330, and Particulate Matter from Industrial Processes), and 40 CFR Part 63, 40 CFR Part 63, Subpart GG. If covered aerospace Subpart GG (Aerospace NESHAP). operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU; SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements. 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP/PM CL-101-03 SB-101-35 Bench Spray Hood St. Louis County APC Code, Chapter 612 - Section 612 110 (Research & Development) None St. Louis County Construction Permit #1475 Same as EU: SB-002-01 as applicable This booth is currently used solely for research All coatings applied in this booth shall comply with the requirements and development. Per McDonnell Douglas' conapplicable to aerospace assembly and components, if any, contained in 10 CSR 10-5.330 (Control of Emissions from Industrial Surface Coating versations with the permitting agency, research and development activities are exempt from the require-Operations), 10 CSR 10-5 050 (Restriction of Emission of Particulate ments of 10 CSR 10-5 050, 10 CSR 10-5 330, and Particulate Matter from Industrial Processes), and 40 CFR Part 63, 40 CFR Part 63, Subpart GG. If covered aerospace Subpart GG (Aerospace NESHAP). operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU SB-002-01 For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements

Section D FORM OP - D04 Year Submitted Piant No. County No. **Facility Name** 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE **EMISSION UNIT** EMISSION EIO (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT DESCRIPTION POINT NO. UNIT NO. COATING LINE 10 CSR 10-6.060, Construction Permits Required/ Spray Booth VOC/HAP/PM SB-101-45 CL-101-03 St. Louis County APC Code, Chapter 612 - Section 612.110 (Research & Development) Construction Permit #6208 Construction Permit #6208 St Louis County Construction Permit #6208 (Issued: 4/26/96) I. This unit shall be operated in accordance with the require-McDonnell Douglas demonstrates compliance by the record keeping method specified in Conditions #1 and 2 ments of 10 CSR 10-5 330, including daily record keeping. and the reporting requirements specified in conditions 2. Unit is limited to 6,665 gal per year containing six (6) #3 and 4 of the permit. pounds VOC per gallon or equivalent, on a twelve (12) month rolling average. 3. Monthly records of coating usage, VOC content, and nvelve (12) month rolling average shall be maintained on site and made available to the Program Director at any reasonable time. Should records indicate a violation of State regulation 10 CSR 10-5,330 has occurred, or the limitations established in Condition #2 has occurred; McDonnell Douglas must notify the Program Manager by no later than the next working This booth is currently used solely for research Same as EU. SB-002-01 as applicable All coatings applied in this booth shall comply with the requirements and development. Per McDonnell Douglas' conapplicable to aerospace assembly and components, if any, contained in versations with the permitting agency, research and 10 CSR 10-5,330 (Control of Emissions from Industrial Surface Coating development activities are exempt from the require-Operations), 10 CSR 10-5,050 (Restriction of Emission of Particulate ments of 10 CSR 10-5.050, 10 CSR 10-5.330, and Particulate Matter from Industrial Processes), and 40 CFR Part 63. 40 CFR Part 63, Subpart GG. If covered aerospace Subpart GG (Aerospace NESHAP) operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP/PM CI,-102-01 SB-102-01 Bench Spray Hood St. Louis County APC Code, Chapter 612 - Section 612 110 (Research & Development) None St. Louis County Construction Permit #1207 Same as EU SB-002-01 as applicable This booth is currently used solely for research All coatings applied in this booth shall comply with the requirements and development. Per McDonnell Douglas' conapplicable to aerospace assembly and components, if any, contained in versations with the permitting agency, research and 10 CSR 10-5 330 (Control of Emissions from Industrial Surface Coating development activities are exempt from the require-Operations), 10 CSR 10-5 050 (Restriction of Emission of Particulate ments of 10 CSR 10-5.050, 10 CSR 10-5.330, and Particulate Matter from Industrial Processes), and 40 CFR Part 63, 40 CFR Part 63, Subpart GG. If covered aerospace Subpart GG (Aerospace NESHAP) operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements.

Section D FORM OP - D04 Year Submitted Plant No. County No. Facility Name 1997 0230 4300 **McDonnell Douglas Corporation**

Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire olas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EIQ	EMISSION	EMISSION UNIT	1	APPLICABLE	EMISSION LIMIT OR STANDARD	COMPLIANCE DETERMINATION METHOD
DINT NO.	UNIT NO.	DESCRIPTION	POLLUTANT	REQUIREMENTS	AND UNITS	(TESTING, MONITORING, ETC.)
ATING						
L-102-01 SB-102-03		Spray Booth (Acrospace Production)	VOC/HAP	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01	Same as EU: SB-002-01
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU; SB-002-01
			voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations	Same as EU; SB-002-01	Same as EU: SB-002-01
			VOC/НАР/РМ	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612 110 St. Louis County Construction Permit #1042	None	N.A.
L-220-01	SB-220-01	Spray Booth (Aerospace Production)		All coatings applied in this booth shall comply with the requirements applicable to aerospace assembly and components, if any, contained in		
		(Adhesive Bonding Primers and Specialty Coatings)	VОСЛІАР	40 CFR Part 63, Subpart GG, Aerospace NESHAP (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as latest version of 40 CFR Part 63, Subpart GG)	Same as EU: SB-002-01 as applicable	This booth is currently used solely for applying adhesive bonding primers and specialty coatings. These activities are exempt from the requirements of 40 CFR Part 63, Subpart GG. If covered aerospace operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with
						SB-002-01 for the applicable requirements of 40 CFR Part 63, Subpart GG.
			PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU: SB-002-01	Same as EU: SB-002-01
			voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations (for specialty coating usage only)	Same as EU SB-002-01	Same as EU SB-002-01
L-245-01	SB-245-01	Spray Booth (Production Tooling, Maintenance)	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-002-01	Same as EU SB-002-01
			voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations (for specialty coating usage only)	Same as EU SB-002-01	Same as EU SB-002-01
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Requited/ St, Louis County APC Code, Chapter 612 - Section 612.110 St, Louis County Construction Permit #1547	None	N A
					Same as EU SB-002-01	Same as EU SB-002-01
-245-02	SB-245-02	Spray Booth (Mock-up & Tooling)	PM	10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Industrial Processes	Same as EU SB-VV2-01	28116 82 EO 3D-007-01
			voc	10 CSR 10-5.330, Control of Emissions from Industrial Surface Coating Operations (for specialty coating usage only)	Same as EU. SB-002-01	Same as EU SB-002-01
			VOC/HAP/PM	10 CSR 10-6.060, Construction Permits Required/ St Louis County APC Code, Chapter 612 - Section 612 110 St Louis County Construction Permit #1709	None	N A

FORM OP - D04 Year Submitted Plant No. County No. Facility Name 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE EMISSION **EMISSION UNIT** (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT DESCRIPTION UNIT NO. POINT NO. COATING LINE VOC/HAP/PM 10 CSR 10-6.060, Construction Permits Required/ CL-248-01 SB-248-01 Spray Booth St. Louis County APC Code, Chapter 612 - Section 612.110 (Research & Development) Construction Permit #1753: St Louis County Construction Permit #1753 Construction Permit #1753: Unit is limited to 2,000 hours of operation per calendar year McDonnell Douglas limits the hours of operation to 2,000 hours of operation per calendar year. This booth is currently used solely for research All coatings applied in this booth shall comply with the requirements Same as EU SB-002-01 as applicable and development. Per McDonnell Douglas' conapplicable to aerospace assembly and components, if any, contained in versations with the permitting agency, research and 10 CSR 10-5,330 (Control of Emissions from Industrial Surface Coating development activities are exempt from the require-Operations), 10 CSR 10-5,050 (Restriction of Emission of Particulate ments of 10 CSR 10-5.050, 10 CSR 10-5.330, and Particulate Matter from Industrial Processes), and 40 CFR Part 63, 40 CFR Part 63, Subpart GG. If covered aerospace Subpart GG (Aerospace NESHAP) operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements. 10 CSR 10-6,060, Construction Permits Required/ VOC/HAP/PM Metal Spray System NONE SB-101-10 St. Louis County APC Code, Chapter 612 - Section 612.110 (Research & Development) N.A None St. Louis County Construction Permit #1668 Same as EU SB-002-01 as applicable This booth is currently used solely for research All coatings applied in this booth shall comply with the requirements and development. Per McDonnell Douglas' conapplicable to aerospace assembly and components, if any, contained in versations with the permitting agency, research and 10 CSR 10-5 330 (Control of Emissions from Industrial Surface Coating development activities are exempt from the require-Operations), 10 CSR 10-5 050 (Restriction of Emission of Particulate ments of 10 CSR 10-5.050, 10 CSR 10-5.330, and Particulate Matter from Industrial Processes), and 40 CFR Part 63, 40 CFR Part 63, Subpart GG. If covered aerospace Subpart GG (Aerospace NESHAP) operations are undertaken in this booth, then McDonnell Douglas will implement all applicable record keeping, reporting, and monitoring requirements, as provided under EU: SB-002-01. For future compliance, see Forms OP-D05 associated with SB-002-01 for the applicable requirements Same as EU: SB-002-01 Same as EU: SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM Spray Booth (Arc Spray) SB-101-34 NONE from Industrial Processes (Aerospace Production) Same as EU: SB-002-01 Same as EU SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM Spray Booth (Metal Powder) SB-101-48 NONE from Industrial Processes Same as EU: SB-002-01 Same as EU: SB-002-01 10 CSR 10-5.050, Restriction of Emission of Particulate Matter PM Sanding Booth SB-220-02 NONE from Industrial Processes Same as EU SB-002-01 Same as EU: SB-002-01 40 CFR Part 63, Subpart GG, Aerospace NESHAP **Facility-Wide Painting Operations** VOC/HAP BF-STL-01 BF-STL-01 (as revised on the date of Title V Permit issuance) (Aerospace Production) Applicable Subsections of 63.743, 63.745, 63.749, 63.750, 63.751, 63.752, and 63.753 (Note: This emission point includes painting 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations operations which are directly related to (same as latest version of 40 CFR Part 63, Subpart GG) aerospace production, but are performed outside of a spray booth.) Same as EU: SB-002-01 Same as EU SB-002-01 10 CSR 10-5.330, Control of Emissions from Industrial Surface VOC Coating Operations (for specialty coating usage only)

FORM OP - D04

Facility Name
McDonnell Douglas Corporation

County No.

McDonnell Douglas Corporation

McDonnell Douglas Corporation

Section D
Plant No.
Plant No.
Plant No.
1997

Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire

EIQ	EMISSION	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
INT NO.	ON SOURCES	DESCRIPTION	TODAY AND		An a moral companies	
-005-02	CS-005-02	Coal Fired Boiler (10-100 MMBtwhr)	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	The PM emission limit is 0.10 lb/MMBtu.	See Attachment A (following Form OP-D05 for this rule)
5-005-01 in 1997)			N.A.	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	The only solid fuel burned in this combustion unit is coal. Refuse is not burned
			Opacity	10 CSR 10-5.090, Restriction of Emission of Visible Air Contaminants	See D04 Plantwide (Page D04F-7 & 8)	Pressure drop in baghouse is monitored by operato
			Criteria Pollutants	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St Louis County Construction Permit #1321 (PSD)	Construction Permit #1321: 1) Boiler # 1 must be removed.	Construction Permit #1321: 1) Boiler # 1 has been removed.
					2) Maximum hourly input is limited to 110.2 ° 10° BTU/hr from April 1 to Oct. 31 and to 122.4 ° 10° BTU/hr from Nov. 1 to Mar. 31	2) McDonnell Douglas monitors coal input
					3) Permittee may burn coal, natural gas, No. 2 fuel oil or any other fuel which complies with the following conditions: (a) The sulfur content of fuel burned shall not exceed one percent (1%) as determined using the applicable test method contained in 10 CSR 10-6.040. Manufacturer's data may also be used to verify the sulfur content of the fuel. (b) The ash content of coal burned shall not exceed hovelve percent (12%) by weight. (c) Permittee shall submit monthly coal usage and analysis reports, within 15 days of the end of the month, including: quantity of coal burned, sulfur content of coal, ash content, and heating value of the coal in BTU's per pound.	3) McDonnell Douglas purchases only low-sulfur coal (i.e., sulfur content is less than 1% by weight) and maintains records of each coal delivery ticket to indicate this. McDonnell Douglas purchases only coal with an ash content below 12% and keeps records of coal delivery tickets indicating this. Monthly coal usage and coal analysis reports are submitted to St. Louis County-Air Pollution Control.
					4) SO ₂ emissions < or = 217.5 lbs/hr and 1.76 lbs/MMBTU heat input.	4) When low sulfur (<1%) coal is burned, the emission do not exceed the permit limits. This is demonstrated by the following calculation which is based on the maximum allowable input rating, the sulfur content of the coal, and the AP-42 emission factor (38 S lb/ton) 122.4MMBtu/hr * 1.0 ton/26NBMBtu * 38(1.0) lb/ton =178.9 lb/(SO2 is 95% of this, 169.9 lb/hr) = 1.39 lb/MMBtu SO;
	K		The state of		5) NO ₂ emissions < or = 1.0 lb/MMBTU heat input.	5) McDonnell Douglas has conducted emission testing (1/18/85) which shows compliance with the 1.0 lb/MMBTU NO2 emission limit. Test results are on file with St. Louis County - Air Pollution Control.
					 Within 180 days of start-up a stack test shall be performed. 	McDonnell Douglas has conducted emission testing (1/18/85). Test results are on file with St. Louis County - Air Pollution Control
					7) An SO ₂ monitoring site must be operated for one (1) year in accordance with 10 CSR 10-6 060	7) An SO ₂ monitoring site was operated for one (1) yes
					8) NO ₂ compliance plan	8) McDonnell Douglas has submitted an NO2 compliance plan to St. Louis County - Air Pollution Control (8/12/85)

Section D FORM OP - D04 Year Submitted Plant No. County No. **Facility Name** 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually In McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE **EMISSION UNIT** EMISSION (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT DESCRIPTION POINT NO. UNIT NO. COMBUSTION SOURCES See Attachment A (following Form OP-D05 for this rule). The PM emission limit is 0.10 lb/MMBtu. 10 CSR 10-5.030, Maximum Allowable Emission of Particulate Coal Fired Boiler CS-005-03 CS-005-03 Matter from Fuel Burning Equipment Used for Indirect Heating (10-100 MMBtu/hr) (will be CS-005-01 The only solid fuel burned in this combustion unit is No person shall burn, cause, or permit the burning of refuse 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N.A in 1997) in any installation which is designed to primarily burn fuel. coal. Refuse is not burned. Burning Installations Pressure drop in baghouse is monitored by operator. See D04 Plantwide (Page D04F-7 & 8) 10 CSR 10-5.090, Restriction of Emission of Visible Air Contaminants Opacity 10 CSR 10-6.060, Construction Permits Required/ Criteria Pollutants St. Louis County APC Code, Chapter 612 - Section 612.110 Same as EU: CS-005-02 Same as EU: CS-005-02 St. Louis County Construction Permit #1321 (PSD) See Attachment A (following Form OP-D05 for this rule). The PM emission limit is 0.10 lb/MMBtu. 10 CSR 10-5.030, Maximum Allowable Emission of Particulate Coal Fired Boiler CS-005-04 CS-005-04 Matter from Fuel Burning Equipment Used for Indirect Heating (10-100 MMBtu/hr) (will be CS.005.01 The only solid fuel burned in this combustion unit is No person shall burn, cause, or permit the burning of refuse 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N A coal Refuse is not burned in any installation which is designed to primarily burn fuel. **Burning Installations** Pressure drop in baghouse is monitored by operator. 10 CSR 10-5.090, Restriction of Emission of Visible Air Contaminants See D04 Plantwide (Page D04F-7 & 8) Opacity 10 CSR 10-6.060, Construction Permits Required/ Criteria Pollutants St. Louis County APC Code, Chapter 612 - Section 612,110 Same as EU CS-005-02 Same as EU: CS-005-02 St. Louis County Construction Permit #1321 (PSD) See Attachment A (following Form OP-D05 for this rule) The PM emission limit is 0.21 lb/MMBtu 10 CSR 10-5.030. Maximum Allowable Emission of Particulate Natural Gas Boiler CS-005-05 CS-005-05 Matter from Fuel Burning Equipment Used for Indirect Heating (10-100 MMBtu/hr) (Light Oil "Backup") This combustion unit is not capable of burning solid No person shall burn, cause, or permit the burning of refuse 10 CSR 10-5.060, Refuse Not to be Burned in Fuel NA in any installation which is designed to primarily burn fuel. Burning Installations The PM emission limit is 0.21 lb/MMBtu See Attachment A (following Form OP-D05 for this rule). 10 CSR 10-5.030, Maximum Allowable Emission of Particulate PM Natural Gas Boilet CS-101-01 CS-101-01 Matter from Fuel Burning Equipment Used for Indirect Heating (10-100 MMBtu/hr) (will be (Fuel Oil "Backup") CS-101-01 This combustion unit is not capable of burning solid No person shall burn, cause, or permit the burning of refuse 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N A in 1997) in any installation which is designed to primarily burn fuel **Burning Installations** See Attachment A (following Form OP-D05 for this rule) The PM emission limit is 0.21 lb/MMBtu. 10 CSR 10-5.030, Maximum Allowable Emission of Particulate PM Natural Gas Boiler CS-101-02 CS-101-02 Matter from Fuel Burning Equipment Used for Indirect Heating (10-100 MMBtu/hr) fwill be (Fuel Oil "Backup") CS-101-01 This combustion unit is not capable of burning solid No person shall burn, cause, or permit the burning of refuse 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N.A. in 1997) in any installation which is designed to primarily burn fuel. **Burning Installations** See Attachment A (following Form OP-D05 for this rule) The PM emission limit is 0.21 lb/MMBtu. 10 CSR 10-5.030, Maximum Allowable Emission of Particulate PM Natural Gas Boiler CS-101-03 CS-101-03 Matter from Fuel Burning Equipment Used for Indirect Heating (10-100 MMBtu/hr) (will be (Fuel Oil "Backup") CS-101-03 No person shall burn, cause, or permit the burning of refuse This combustion unit is not capable of burning solid 10 CSR 10-5.060, Refuse Not to be Burned in Fuel in 1997) in any installation which is designed to primarily burn fuel. **Burning Installations** See Attachment A (following Form OP-D05 for this rule) The PM emission limit is 0.21 lb/MMBtu 10 CSR 10-5.030. Maximum Allowable Emission of Particulate PM Natural Gas Boiler CS-101-04 CS-101-04 Matter from Fuel Burning Equipment Used for Indirect Heating (10-100 MMBtw/hr) (will be

10 CSR 10-5,060, Refuse Not to be Burned in Fuel

Burning Installations

(Fuel Oil "Backup")

N.A.

CS-101-03

in 1997)

This combustion unit is not capable of burning solid

No person shall burn, cause, or permit the burning of refuse

in any installation which is designed to primarily burn fuel.

FORM OP - D04

Facility Name

Section D Year Submitted Plant No. County No. 1997 0230 4300 **McDonnell Douglas Corporation**

Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire ord keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

rio I	EMISSION	EMISSION UNIT		I submit an annual emissions report for these sources is being APPLICABLE	EMISSION LIMIT OR STANDARD	COMPLIANCE DETERMINATION METHOD
EIQ DINT NO.	UNIT NO.	DESCRIPTION	POLLUTANT	REQUIREMENTS	AND UNITS	(TESTING, MONITORING, ETC.)
	ON SOURCE					
		The state of the s	PM	40 CFR Part 60, Subpart E, NSPS, Incinerators	PM emission limit for incinerators with charging rates	The PM emission rate was determined by a performance
S-101-05 (will be CS-101-05 in 1997)	CS-101-05	Refuse Fired Boiler (10-100 MMBtu/hr)	FIVE	10 CSR 10-6.070, New Source Performance Regulations (same as 40 CFR Part 60, Subpart E)	exceeding 50 tons/day: 0.18 g/dscm (0.08 gr/dscf) corrected to 12% CO ₂	test conducted on 4/16/84 to be less than 0.08 gr/dscf. McDonnell Douglas keeps a log of daily charge rates and hours of operation.
			PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	The PM emission limit is 0.10 lb/MMBru.	See Attachment A (following Form OP-D05 for this rule)
			N.A.	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This boiler is designed and permitted to burn refuse.
			PM	10 CSR 10-5.080, Incinerators	1) The PM emission limit = 0.2 gr/dscf of exhaust gas	PM emission rate is less than 0.08 gr/dscf (determined by stack test conducted 4/12/84).
					No incinerator shall be used for burning of refuse unless such incinerator is a multiple chamber incinerator.	2. "Incinerator" is equipped with multiple chambers.
			Opacity	10 CSR 10-5.090, Restriction of Emission of Visible Air Contaminants	See D04 Plantwide (Page D04F-7 & 8)	Opacity meters are monitored by operators. Per operating procedures, when an upset condition occurs, a Method 9 opacity observation is made.
			Criteria Pollutants	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1226	None	N.A.
	-			40 CFR Part 60, Subpart E, NSPS, Incinerators	Same as EU: CS-101-05	Same as EU: CS-101-05
S-101-06 (will be CS-101-05	CS-101-06	Refuse Fired Boiler (10-100 MMBtu/hr)	PM	40 CFR Part 60, Subpart E, NSPS, Incinerators 10 CSR 10-6.070, New Source Performance Regulations (same as 40 CFR Part 60, Subpart E)	dant a co cu-rerios	
in 1997)			PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	The PM emission limit is 0.10 lb/MMBtu.	See Attachment A (following Form OP-D05 for this rule
			N A	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This boiler is designed and permitted to burn refuse
!			РМ	10 CSR 10-5.080, Incinerators	The PM emission limit = 0.2 gt/dscf of exhaust gas	 PM emission rate is less than 0.08 gr/dscf (determined by stack test conducted 4/12/84).
					No incinerator shall be used for burning of refuse unless such incinerator is a multiple chamber incinerator.	2. "Incinerator" is equipped with multiple chambers.
			- ·_	10 CSR 10-5.090, Restriction of Emission of Visible Air Contaminants	See D04 Plantwide (Page D04F-7 & 8)	Opacity meters are monitored by operators. Per operating procedures, when an upset condition occurs, a Method 9 opacity observation is made.
			Criteria Pollutants	10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612.110		
				St. Louis County Construction Permit #1227	None	N.A.
S-102-01	CS-102-01	Natural Gas Boiler (10-100 MMBtw/hr)	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	The PM emission limit is 0.21 lb/MMBtu.	See Attachment A (following Form OP-D05 for this rule
	20 000	(Fuel Oil Backup)	N.A.	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel.	This combustion unit is not capable of burning solid fuels.
CS-102-02 (will be	CS-102-02	Natural Gas Boiler (10-100 MMBtu/hr)	PM	10 CSR 10-5.030, Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating	The PM emission limit is 0.21 lb/MMBtu.	See Attachment A (following Form OP-D05 for this rule
CS-102-02 in 1997)		(Fuel Oil Backup)	N.A.	10 CSR 10-5.060, Refuse Not to be Burned in Fuel Burning Installations	No person shall burn, cause, or permit the burning of refuse in any installation which is designed to primarily burn fuel	This combustion unit is not capable of burning solid fuels.

Section D FORM OP - D04 Year Submitted Plant No. County No. **Facility Name** 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. EMISSION LIMIT OR STANDARD COMPLIANCE DETERMINATION METHOD APPLICABLE EMISSION **EMISSION UNIT** E10 (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT UNIT NO. DESCRIPTION POINT NO. COMBUSTION SOURCES See Attachment A (following Form OP-D05 for this rule). The PM emission limit is 0.21 lb/MMBtu 10 CSR 10-5.030, Maximum Allowable Emission of Particulate CS-102-03 Natural Gas and Fuel Oil Boiler CS-102-03 Matter from Fuel Burning Equipment Used for Indirect Heating (10-100 MMBtu/hr) (will be CS-102-02 This combustion unit is not capable of burning solid No person shall burn, cause, or permit the burning of refuse 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N.A. in 1997) in any installation which is designed to primarily burn fuel. **Burning Installations** The PM emission limit is 0.21 lb/MMBtu. See Attachment A (following Form OP-D05 for this rule). 10 CSR 10-5.030, Maximum Allowable Emission of Particulate PM CS-110-01 Natural Gas and Fuel Oil Boiler CS-110-01 Matter from Fuel Burning Equipment Used for Indirect Heating (will be (10-100 MM(Btu/hr) CS-110-01 This combustion unit is not capable of burning solid No person shall burn, cause, or permit the burning of refuse 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N.A. in 1997) in any installation which is designed to primarily burn fuel. Burning Installations 10 CSR 10-6.060, Construction Permits Required/ Criteria Pollutants St. Louis County APC Code, Chapter 612 - Section 612.110 N.A St. Louis County Construction Permit #0865 See Attachment A (following Form OP-D05 for this rule). 10 CSR 10-5.030, Maximum Allowable Emission of Particulate The PM emission limit is 0.21 lb/MMBtu Natural Gas and Fuel Oil Boiler CS-110-02 CS-110-02 Matter from Fuel Burning Equipment Used for Indirect Heating (10-100 MMBtu/hr) (will be CS-110-01 No person shall burn, cause, or permit the burning of refuse This combustion unit is not capable of burning solid 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N A in 1997) in any installation which is designed to primarily burn fuel. **Burning Installations** 18 CSR 10-6.060. Construction Permits Required/ Criteria Pollutants St. Louis County APC Code, Chapter 612 - Section 612 110 St Louis County Construction Permit #0865 See Attachment A (following Form OP-D05 for this rule). The PM emission limit is 0.10 lb/MMBtu 10 CSR 10-5.030, Maximum Allowable Emission of Particulate Natural Gas Boiler PM CS-111-01 CS-111-01 Matter from Fuel Burning Equipment Used for Indirect Heating (10-100 MMBtu/Hr) (Fuel Oil "Backup") CS-111-01 This combustion unit is not capable of burning solid No person shall burn, cause, or permit the burning of refuse 10 CSR 10-5.060, Refuse Not to be Burned in Fuel in 1997) in any installation which is designed to primarily burn fuel **Burning Installations** 10 CSR 10-6.060, Construction Permits Required/ Criteria Pollutants St. Louis County APC Code, Chapter 612 - Section 612 110 NA St. Louis County Construction Permit #1332 See Attachment A (following Form OP-D05 for this rule) 10 CSR 10-5.030, Maximum Allowable Emission of Particulate The PM emission limit is 0.10 lb/MMBtu. CS-111-02 Natural Gas Boiler CS-111-02 Matter from Fuel Burning Equipment Used for Indirect Heating (10-100 MMBtu/hr) (will be (Fuel Oil "Backup") CS-111-01 No person shall burn, cause, or permit the burning of refuse This combustion unit is not capable of burning solid 10 CSR 10-5.060, Refuse Not to be Burned in Fuel NA in 1997) in any installation which is designed to primarily burn fuel. **Burning Installations** 10 CSR 10-6,060. Construction Permits Required/ Criteria Pollutants St. Louis County APC Code, Chapter 612 - Section 612.110 N.A St Louis County Construction Permit #1332 None 10 CSR 10-5,030, Maximum Allowable Emission of Particulate See Attachment A (following Form OP-D05 for this rule). The PM emission limits for "new" and "existing" sources Facility-Wide Natural Gas Indirect CS-STL-01 CS-STL-01A have been determined and are shown in Table D05-4 Matter from Fuel Burning Equipment Used for Indirect Heating Fired Combustion Sources No person shall burn, cause, or permit the burning of refuse This combustion unit is not capable of burning solid 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N.A. **Burning Installations** in any installation which is designed to primarily burn fuel. See Attachment A (following Form OP-D05 for this rule) 10 CSR 10-5.030, Maximum Allowable Emission of Particulate The PM emission limits for "new" and "existing" sources Facility-Wide Propane Indirect PM CS-STL-01 | CS-STL-01C have been determined and are shown in Table D05-4. Matter from Fuel Burning Equipment Used for Indirect Heating Fired Combustion Sources No person shall burn, cause, or permit the burning of refuse This combustion unit is not capable of burning solid

10 CSR 10-5.060, Refuse Not to be Burned in Fuel

Burning Installations

in any installation which is designed to primarily burn fuel.

N A

FORM OP - D04 Year Submitted Plant No. County No. **Facility Name** 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. EMISSION LIMIT OR STANDARD COMPLIANCE DETERMINATION METHOD APPLICABLE **EMISSION UNIT EMISSION** (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS DESCRIPTION POLLUTANT UNIT NO. POINT NO. COMBUSTION SOURCES See Attachment A (following Form OP-D05 for this rule) The PM emission limit is 0.21 lb/MMBtu 10 CSR 10-5.030, Maximum Allowable Emission of Particulate Natural Gas Boiler PM CS-STL-01 CS-025-01 Matter from Fuel Burning Equipment Used for Indirect Heating (<10 MMBtu/hr) No person shall burn, cause, or permit the burning of refuse This combustion unit is not capable of burning solid 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N.A. in any installation which is designed to primarily burn fuel. fuels. **Burning Installations** See Attachment A (following Form OP-D05 for this rule). The PM emission limit is 0.21 lb/MMBtu. 10 CSR 10-5.030, Maximum Allowable Emission of Particulate Natural Gas Boiler PM CS-STL-01 CS-066-01 Matter from Fuel Burning Equipment Used for Indirect Heating (<10 MMBtu/hr) (Fuel Oil Backup) No person shall burn, cause, or permit the burning of refuse This combustion unit is not capable of burning solid 10 CSR 10-5,060, Refuse Not to be Burned in Fuel N.A. in any installation which is designed to primarily burn fuel. **Burning Installations** See Attachment A (following Form OP-D05 for this rule). The PM emission limit is 0.21 lb/MMBtu 10 CSR 10-5.030, Maximum Allowable Emission of Particulate Natural Gas Boiler PM CS-STL-01 CS-066-02 Matter from Fuel Burning Equipment Used for Indirect Heating (<10 MMBtu/hr) (Fuel Oil Backup) No person shall burn, cause, or permit the burning of refuse This combustion unit is not capable of burning solid 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N.A. in any installation which is designed to primarily burn fuel. **Burning Installations** See Attachment A (following Form OP-D05 for this rule). The PM emission limit is 0.21 lb/MMBtu. 10 CSR 10-5.030, Maximum Allowable Emission of Particulate PM Natural Gas Boiler 10. IT2.23 CS-066-03 Matter from Fuel Burning Equipment Used for Indirect Heating (<10 MMBtu/hr) No person shall burn, cause, or permit the burning of refuse This combustion unit is not capable of burning solid 10 CSR 10-5,060, Refuse Not to be Burned in Fuel N.A. in any installation which is designed to primarily burn fuel. **Burning Installations** See Attachment A (following Form OP-D05 for this rule). The PM emission limit is 0.21 lb/MMBtu. PM 10 CSR 10-5.030, Maximum Allowable Emission of Particulate CS-066-04 Natural Gas Boiler CS-STL-01 Matter from Fuel Burning Equipment Used for Indirect Heating (<10 MMBtu/hr) No person shall burn, cause, or permit the burning of refuse This combustion unit is not capable of burning solid 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N.A. in any installation which is designed to primarily burn fuel. **Burning Installations** See Attachment A (following Form OP-D05 for this rule) The PM emission limit is 0.10 lb/MMBtu. 10 CSR 10-5,030, Maximum Allowable Emission of Particulate PM CS-STL-01 CS-067-01 Natural Gas Boiler Matter from Fuel Burning Equipment Used for Indirect Heating (<10 MMBtu/hr) This combustion unit is not capable of burning solid No person shall burn, cause, or permit the burning of refuse 10 CSR 10-5.060, Refuse Not to be Burned in Fuel NA in any installation which is designed to primarily burn fuel. **Rumine Installations** See Attachment A (following Form OP-D05 for this rule). The PM emission limit is 0.10 lb/MMBtu. 10 CSR 10-5.030, Maximum Allowable Emission of Particulate PM Natural Gas Boiler CS-STL-01 CS-067-02 Matter from Fuel Burning Equipment Used for Indirect Heating (<10 MMBtu/hr) This combustion unit is not capable of burning solid No person shall burn, cause, or permit the burning of refuse 10 CSR 10-5.060, Refuse Not to be Burned in Fuel NA. in any installation which is designed to primarily burn fuel. **Burning Installations** The PM emission limit is 0.10 lb/MMBtu. See Attachment A (following Form OP-D05 for this rule). PM 10 CSR 10-5.030, Maximum Allowable Emission of Particulate Natural Gas Boiler CS-111-03 CS-STL-01 Matter from Fuel Burning Equipment Used for Indirect Heating (<10 MMBtu/hr) (Fuel Oil "Backup") This combustion unit is not capable of burning solid No person shall burn, cause, or permit the burning of refuse 10 CSR 10-5.060, Refuse Not to be Burned in Fuel NA in any installation which is designed to primarily burn fuel. fuels **Burning Installations** 10 CSR 10-6.060, Construction Permits Required/ Criteria Pollutants St Louis County APC Code, Chapter 612 - Section 612.110 St Louis County Construction Permit #1333 See Attachment A (following Form OP-D05 for this rule). The PM emission limit is 0.21 lb/MMBtu. 10 CSR 10-5,030, Maximum Allowable Emission of Particulate Natural Gas Boiler CS-221-01 CS-STL-01 Matter from Fuel Burning Equipment Used for Indirect Heating (<10 MMBtu/hr) This combustion unit is not capable of burning solid No person shall burn, cause, or permit the burning of refuse 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N A in any installation which is designed to primarily burn fuel fuels. **Burning Installations**

Section D FORM OP - D04 Year Submitted Plant No. County No. Facility Name 1997 0230 **McDonnell Douglas Corporation** 4300 Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. **EMISSION LIMIT OR STANDARD** COMPLIANCE DETERMINATION METHOD APPLICABLE **EMISSION UNIT** EMISSION EIO (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT DESCRIPTION POINT NO. UNIT NO. DEPAINTING OPERATIONS See Attachment A (following Form OP-D05 for this rule). The PM emission limit is 0.21 lb/MMBtu. 10 CSR 10-5.030, Maximum Allowable Emission of Particulate CS-STL-01 CS-221-02 Natural Gas Boiler Matter from Fuel Burning Equipment Used for Indirect Heating (<10 MMBtu/hr) No person shall burn, cause, or permit the burning of refuse This combustion unit is not capable of burning solid 10 CSR 10-5.060, Refuse Not to be Burned in Fuel N.A. in any installation which is designed to primarily burn fuel. **Burning Installations** As Identified in the Aerospace NESHAP (as amended) An initial notification was sent to EPA on December 22, 40 CFR Part 63, Subpart GG, Aerospace NESHAP HAP MC-STL-01 MC-STL-01 Facility-Wide Chemical Depainting Operations 1995. However, a compliance determination is not (as revised on the date of Title V Permit issuance) (Aerospace Production) required at this time since the compliance date for this Applicable Subsections of 63.743, 63.746, 63.749, 63.750, 63.752 and 63.753 NESHAP is not until September 1, 1998 for existing 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations sources. See Form OP-D05 for future compliance (same as latest version of 40 CFR 63, Subpart GG) determination methods. An initial notification was sent to EPA on December 22, As Identified in the Aerospace NESHAP (as amended) 40 CFR Part 63, Subpart GG, Aerospace NESHAP HAP DP-STL-01 Facility-Wide Non-Chemical Depainting Operations NONE (as revised on the date of Title V Permit issuance) 1995. However, a compliance determination is not (Aerospace Production) required at this time since the compliance date for this Applicable Subsections of 63.743, 63.746, 63.749, 63.751, 63.752 and 63.753 NESHAP is not until September 1, 1998 for existing 10 CSR 10-6,075, Maximum Achievable Control Technology Regulations sources. See Form OP-D05 for future compliance (same as latest version of 40 CFR 63, Subpart GG) determination methods EMERGENCY GENERATORS Agency Inspection Records 10 CSR 10-5.180, Emission of Visible Air Contaminants from No visible air contaminants can be discharged from an PM NONE EG-STL-01 Facility-Wide Emergency Generators internal combustion engine for more than 10 consecutive Internal Combustion Engines Note: Facility-Wide emergency generators are insignificant seconds at any one time sources, but are listed on this form because of the existence of this one applicable requirement (10 CSR 10-5 180) HAZARDOUS WASTE As Identified in the Aerospace NESHAP (as amended) An initial notification was sent to EPA on December 22, 40 CFR Part 63, Subpart GG, Aerospace NESHAP NONE HW-STL-01 Facility-Wide HAP-Containing Wastes 1995. However, a compliance determination is not (as revised on the date of Title V Permit issuance) Generated from Aerospace Activities required at this time since the compliance date for this Applicable Subsections of 63,743, 63,748, 63,749 (Not Subject to RCRA) NESHAP is not until September 1, 1998 for existing 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations sources See Form OP-D05 for future compliance (same as latest version of 40 CFR 63, Subpart GG) determination methods Rule requires use of MACT and sets work practice This shelter is the only area in McDonnell Douglas' 40 CFR Part 63, Subpart DD, Off-site Waste NESHAP HAP NONE MS-027-04 Hazardous Waste Shelter Applicable Subsections of 63 683, 63 688, 63 696, 63 697 standards for tanks, surface impoundments, containers, St Louis facilities which is subject to the Off-Site oil-water separators, drain systems, process vents and Waste NESHAP An initial notification was sent to Applicable Subsections of Subpart A and Subpart PP EPA on October 2, 1996. However, a compliance equipment leaks. determination is not required at this time since the compliance date for this NESHAP is not until July 1, 1999 for existing sources. See Form OP-D05 for future compliance methods. MASKANT LINE As Identified in the Aerospace NESHAP (as amended) An initial notification was sent to EPA on December 22. 40 CFR Part 63, Subpart GG, Aerospace NESHAP VOC/HAP Maskant Line ML-051-01 ML-051-01 1995 However, a compliance determination is not (as revised on the date of Title V Permit issuance) required at this time since the compliance date for this Applicable Subsections of 63,743, 63,747, 63,749, 63,750, 63,752, 63,753 NESHAP is not until September 1, 1998 for existing 10 CSR 10-6,075, Maximum Achievable Control Technology Regulations sources See Form OP-D05 for future compliance (same as latest version of 40 CFR 63, Subpart GG) determination methods 10 CSR 10-6.060, Construction Permits Required/ HAP St. Louis County APC Code, Chapter 612 - Section 612 110 N A St. Louis County Construction Permit #1164 None

Section D FORM OP - D04 Year Submitted Plant No. Facility Name County No. 0230 1997 **McDonnell Douglas Corporation** 4300 Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. **EMISSION LIMIT OR STANDARD** COMPLIANCE DETERMINATION METHOD **EMISSION UNIT** APPLICABLE EIO **EMISSION** (TESTING, MONITORING, ETC.) AND UNITS POLLUTANT REQUIREMENTS DESCRIPTION POINT NO. UNIT NO. MASKANT LINE Rule establishes design requirements and sets work An initial notification was sent to EPA on August 14, 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning HAP ML-051-01 | CC-051-01 Cold Cleaner practice standards 1995. McDonnell Douglas shall select a compliance NESHAP ethod prior to the compliance date of this NESHAP. Applicable Subsections 63.460, 63.462, 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T) 40 CFR Part 63, Subpart A, General Provisions Applicable Subsections of 63,10 McDonnell Douglas uses cold cleaners meeting the Rule establishes: 1) equipment specifications, VOC 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning 2) operating procedures, 3) monthly record keeping specifications identified in Section (4) (A) of the rule; and has annual operator training and monthly record requirements, and 4) annual operator training. keeping systems in place. 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning Rule establishes design requirements and sets work An initial notification was sent to EPA on August 14, CC-051-02 Cold Cleaner HAF ML-051-01 1995 McDonnell Douglas shall select a compliance NESHAP practice standards nethod prior to the compliance date of this NESHAP. Applicable Subsections 63.460, 63.462, 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T) 40 CFR Part 63, Subpart A, General Provisions Applicable Subsections of 63-10 McDonnell Douglas uses cold cleaners meeting the 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning Rule establishes: 1) equipment specifications, VOC 2) operating procedures, 3) monthly record keeping specifications identified in Section (4) (A) of the rule; and has annual operator training and monthly record requirements, and 4) annual operator training. keeping systems in place. As Identified in the Aerospace NESHAP (as amended) An initial notification was sent to EPA on December 22, VOC/HAP 40 CFR Part 63, Subpart GG, Aerospace NESHAP ML-051-02 Aqueous Maskant Line NONE 1995. However, a compliance determination is not (as revised on the date of Title V Permit issuance) Applicable Subsections of 63.743, 63.747, 63.749, 63.750, 63.752, 63.753 required at this time since the compliance date for this NESHAP is not until September 1, 1998 for existing 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations sources. See Form OP-D05 for future compliance (same as latest version of 40 CFR 63, Subpart GG) determination methods McDonnell Douglas complies with this rule by VOC 10 CSR 10-5.330, Control of Emissions from Industrial Surface Emission limit for Aerospace assembly and components: Maskant: 1.0 lb VOC/gal (less H2O and exempt VOCs) following appropriate record keeping requirements of **Coating Operations** Section (6) of the rule. MELTING OVEN 10 CSR 10-6.060, Construction Permits Required/ PM-10/Lead MO-029-A MO-029-01 (3) Lead/Zinc Furnaces St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1087 None N.A 10 CSR 10-6.060, Construction Permits Required/ MO-029-A MO-029-02 Lead/Zinc Furnace PM-10/1 cad St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1520 None N.A. OVENS 10 CSR 10-5.050, Restriction of Emission of Particulate Matter from The emission of particulate matter during any one (1) hour Emissions, as determined by engineering calculations Electric Heated Mixer PM OV-220-11 NONE Industrial Processes cannot exceed the amounts shown in Table I of the rule for using material throughputs, do not exceed the requirements the process weight rate associated with that source. of this rule

FORM OP - D04 Year Submitted County No. Plant No. Facility Name 1997 **McDonnell Douglas Corporation** 4300 0230 Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD **EMISSION LIMIT OR STANDARD** APPLICABLE **EMISSION UNIT** ElO **EMISSION** (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT DESCRIPTION POINT NO. UNIT NO. OVENS Same as EU: OV-220-11 Same as EU: OV-220-11 10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Electric Heated Mixer OV-220-12 Industrial Processes Same as EU: OV-220-11 10 CSR 10-5.050, Restriction of Emission of Particulate Matter from Same as EU: OV-220-11 PM OV-220-13 Electric Heated Mixer NONE Industrial Processes Same as EU: OV-220-11 Same as EU: OV-220-11 10 CSR 10-5,050, Restriction of Emission of Particulate Matter from NONE OV-220-14 Electric Heated Mixer Industrial Processes PROCESS TANKS (Etching, Plating, Anodizing, etc.) 10 CSR 10-6,060, Construction Permits Required/ PT-027-02 Process Tank HAP PT-027-02 St. Louis County APC Code, Chapter 612 - Section 612.110 None NA St. Louis County Construction Permit #1306 McDonnell Douglas uses a chemical fume 40 CFR Part 63, Subpart N, Chromium NESHAP PT-027-05A Process Tank Chromium PT-027-05 The surface tension must be < or = to 45 dynes/cm when suppressant to comply with the surface tension limit Applicable Subsections of 63,342 (Chrome Anodizing) of the rule. McDonnell Douglas' process a chemical fume suppressant is used. specifications for the chrome anodizing operation Applicable Subsections of 63,340, 63,343, 63,346 and 63,347 have been updated and provide guidance on 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations surfactant additions in order to maintain the surface (Same as 40 CFR 63, Subpart N) tension well below 45 dynes/cm. The surface tension is monitored using a tensiometer. See Form OP-D05 for future compliance methods. An Operation and Maintenance Plan and a record keeping system have been established by McDonnell Douglas per the requirements of 63 346 and are available upon agency request. McDonnell Douglas has filed both the Initial Notification (6/27/95) and Notification of Compliance (1/31/97) reports with EPA. The On-going Compliance Certification will be sent to EPA semi-annually. 10 CSR 10-6,060, Construction Permits Required/ Process Tank HAP PT-101-02 PT-101-02 St Louis County APC Code, Chapter 612 - Section 612 110 N.A. St. Louis County Construction Permit #1303 None 10 CSR 10-6.060 Construction Permits Required/ HAP PT-101-03 PT-101-03A Process Tank St. Louis County APC Code, Chapter 612 - Section 612,110 N.A. St. Louis County Construction Permit #1304 None 10 CSR 10-6.060, Construction Permits Required/ Nuisance NONE PT-027-13 Process Tank St. Louis County APC Code, Chapter 612 - Section 612.110 N.A. St. Louis County Construction Permit #0919 None 10 CSR 10-6,060, Construction Permits Required/ Nuisance PT-027-14 Process Tank NONE St. Louis County APC Code, Chapter 612 - Section 612 110 NA St. Louis County Construction Permit #0950 None 10 CSR 10-6,060, Construction Permits Required/ HAP New Process Tank PT-029A-01 St. Louis County APC Code, Chapter 612 - Section 612.110 N.A. St. Louis County Construction Permit #6260 (Issued: 3/20/97) None STORAGE PILES This rule requires each coal or residual fuel oil delivery to be McDonnell Douglas keeps a copy of each delivery 10 CSR 10-5.120, Information on Sales of Fuels to be Provided NA SP-005-01 SP-005-01 Coal Storage Pile accompanied by a ticket prepared in triplicate, when first ticket on file for each shipment of coal. (Residual fuel oil and Maintained delivered to a consumer in the St. Louis area. The ticket is not used by McDonnell Douglas). should contain the name and address of the seller and buyer, the source of the fuel and the ash content (for coal).

Plant No.

(5) Gasoline Transfer

(5) (A) and (5) (D).

Equipment Standards: Gasoline storage tanks (>500

gallon capacity) must meet the requirements of Sections

FORM OP - D04

County No.

Facility Name 1997 0230 **McDonnell Douglas Corporation** 4300 Note: In addition to the following "emission unit specific" applicable requirements, all emission points Included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. EMISSION LIMIT OR STANDARD COMPLIANCE DETERMINATION METHOD APPLICABLE **EMISSION UNIT** EMISSION (TESTING, MONITORING, ETC.) REQUIREMENTS AND UNITS POLLUTANT DESCRIPTION POINT NO. UNIT NO. FUEL STORAGE TANKS Gasoline dispensing rate is limited to 10 gallons per minute Field verification per EPA Field Dispenser Flow Rate Test Gasoline Underground Storage Tank 40 CFR Part 80.22 (j), Regulation of Fuels and Fuel Additives VOC ST-STL-01 | ST-022-22 for cars and light trucks. Procedure. 1) This gasoline storage tank is equipped with a 1) (5) Gasoline Transfer: 10 CSR 10-5.220, (5), (6), (8), (10) and (11) VOC submerged fill pipe and meets the specifications of Control of Petroleum Liquid Storage, Loading and Transfer Equipment Standards: Gasoline storage tanks with Section (5) (A) 1-4. Records of each gasoline delivery >500 gallons capacity must meet the requirements of Sections (5) (A) and (5) (D). ticket are kept on file and will be made available to the 2) In addition, gasoline storage tanks with >1,000 agency upon request. 2) McDonnell Douglas has equipped this and all other gallons capacity must be equipped with a vapor recovery system that meets the Stage I requirements gasoline storage tanks with capacities exceeding 1,000 gallons with Stage I and Stage II vapor recovery systems. of Section (5) (B). Per the requirements of Section (10), McDonnell 3) (6) Refueling of Motor Vehicles: Douglas has applied for and has been issued Equipment Standards: Gasoline storage tanks with capacity > 1,000 gallons or tanks at facilities with a monthly construction and operating permits by St. Louis hroughput more than 10,000 gallons must be equipped County and is waiting the issuance of an Operating Permit from MDNR. The application for the MDNR with a vapor recovery system that meets the requirements of Section (6) A.(1) - (11). Operating Permit was filed on February 17, 1997. The tank passed director approved back pressure and leak decay tests on April 17, 1997 as a requirement for obtaining the MDNR Operating Permit. VOC/HAP 10 CSR 10-6.060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612 110 McDonnell Douglas obtained this Construction Permit St. Louis County Construction Permits (Stage I) #V1072 None in May of 1995 in order to fulfill the requirements of and V5529 (Issued: 10/21/82) 10 CSR 10-5 220 (8). Same as EU ST-022-22 Same as EU: ST-022-22 VOC 40 CFR Part 80.22 (i), Regulation of Fuels and Fuel Additives ST-STL-01 ST-022-25 Gasoline Underground Storage Tank (10,000 gal) Same as EU ST-022-22 Same as EU ST-022-22 VOC 10 CSR 10-5.220, (5), (6), (8), (10) and (11) Control of Petroleum Liquid Storage, Loading and Transfer 10 CSR 10-6,060, Construction Permits Required/ VOCHIAP St. Louis County APC Code, Chapter 612 - Section 612 110 Same as EU ST-022-22 Same as EU: ST-022-22 St Louis County Construction Permit for Stage I & II Vapor Recovery Systems (Issued: 5/1/95) Same as EU: ST-022-22 Same as EU: ST-022-22 40 CFR Part 80.22 (j), Regulation of Fuels and Fuel Additives Gasoline Underground Storage Tank VOC ST-STL-01 ST-041-20 (8,000 gal) Same as EU: ST-022-22 McDonnell Douglas is filing for a Construction Permit 10 CSR 10-5.220, (5), (6), (8), (9), (10) and (11) VOC to make a vapor recovery system modification pursuant Control of Petroleum Liquid Storage, Loading and Transfer to Section (9). St. Louis County APC Code, Chapter 612 - Section 612,110 N.A. N.A. N.A. St. Louis County Construction Permit #V718 (No longer in effect) Same as EU: ST-022-22 Same as EU: ST-022-22 40 CFR Part 80.22 (i), Regulation of Fuels and Fuel Additives Gasoline Storage Tank VOC ST-STL-01 ST-121-01 (550 gal)

10 CSR 10-5.220, (5) (A) and (5) (D)

Control of Petroleum Liquid Storage, Loading and Transfer

VOC

This gasoline storage tank is equipped with a

agency upon request.

submerged fill pipe and meets the specifications of

Section (5) (A) 1-4. Records of each gasoline delivery

ticket are kept on file and will be made available to the

Section D

Year Submitted

FORM OP - D04 Year Submitted Plant No. County No. Facility Name 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD **EMISSION LIMIT OR STANDARD** APPLICABLE **EMISSION UNIT** EMISSION (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT POINT NO. UNIT NO. DESCRIPTION FUEL STORAGE TANKS Rule sets equipment specification standards for tanks Record keeping: McDonnell Douglas keeps 40 CFR Part 60, Subpart Kb, 60.116(b), Fuel Oil No. 2 Underground Storage Tank VOC NONE ST-005-20 records showing the dimensions and calculated NSPS, Volatile Organic Liquid Storage meeting certain storage capacity and vapor pressure (20,000 gal) storage capacity of this tank. These records shall be 10 CSR 10-6.070, New Source Performance Regulations kept for the life of the tank. (Same as 40 CFR Part 60, Subpart Kb) Note: McDonnell Douglas has eight (8) tanks subject to this rule. Seven of these tanks have storage capacities between 75m³ (19,813 gal) and 151 m³ (39,626 gal). The remaining tank has a capacity between 40m³ (10,567 gal) and 75 m3 (19,813 gal). The vapor pressures of the various liquids stored in these tanks are less than the 15 KPa stated in the rule, Per Section 60,110b, these tanks are subject only to the record keeping requirements of paragraphs (a) and (b) of Section 60.116b and are excluded from the provisions of Subpart A and the remaining sections of Subpart Kb. Same as EU: ST-005-20 40 CFR Part 60, Subpart Kb, 60.116(b), Same as EU: ST-005-20 VOC Fuel Oil No. 2 Underground Storage Tank NONE ST-005-21 NSPS, Volatile Organic Liquid Storage (20,000 gal) 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb) Same as EU: ST-005-20 Same as EU: ST-005-20 40 CFR Part 60, Subpart Kb, 60.116(b), Jet Fuel Underground Storage Tank VOC ST-041-21 NONE NSPS, Volatile Organic Liquid Storage (30,000 gal) 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb) Same as EU: ST-005-20 Same as EU: ST-005-20 40 CFR Part 60, Subpart Kb, 60.116(b), Jet Fuel Underground Storage Tank VOC NONE ST-041-22 NSPS, Volatile Organic Liquid Storage (30,000 gal) 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb) Same as EU: ST-005-20 Same as EU ST-005-20 40 CFR Part 60, Subpart Kb, 60.116(b), VOC ST-041-23 Jet Fuel Underground Storage Tank NONE NSPS, Volatile Organic Liquid Storage (30,000 gal) 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb) Same as EU: ST-005-20 Same as EU ST-005-20 40 CFR Part 60, Subpart Kb, 60.116(b), VOC Jet Fuel Underground Storage Tank ST-041-24 NONE NSPS, Volatile Organic Liquid Storage (30,000 gal) 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb) Same as EU ST-005-20 Same as EU ST-005-20 40 CFR Part 60, Subpart Kb, 60,116(b), Fuel Oil No 2 Underground Storage Tank VOC I NONE ST-102-21 NSPS, Volatile Organic Liquid Storage (20,000 gal) 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb) Same as EU: ST-005-20 40 CFR Part 60, Subpart Kb, 60.116(b), Same as EU: ST-005-20 VOC NONE ST-111-01 Fuel Oil No 2 Underground Storage Tank NSPS, Volatile Organic Liquid Storage (12,000 gal) 10 CSR 10-6.070, New Source Performance Regulations (Same as 40 CFR Part 60, Subpart Kb)

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Facility Name

County No.

Plant No.

Year Submitted

1997

0230 **McDonnell Douglas Corporation** 4300 Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD **EMISSION LIMIT OR STANDARD** APPLICABLE **EMISSION UNIT** EMISSION E10 (TESTING, MONITORING, ETC.) AND UNITS REQUIREMENTS POLLUTANT UNIT NO. DESCRIPTION POINT NO. VAPOR DEGREASERS An initial notification was sent to EPA on August 14, 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning Rule establishes design requirements, sets standards, VD-027-01 Vapor Degreaser VD-027-01 and offers affected solvent cleaning machines three 1995. However, a compliance determination is not NESHAP options for compliance: 1) installing emission control required at this time since the compliance date for this Applicable Subsections 63.460, 63.463, 63.465, 63.466, 63.467 and 63.468 NESHAP is not until December 2, 1997 for existing equipment, 2) meeting an idling mode emission limit, or 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations 3) meeting a limit on total emissions. Options 1 and 2 (same as 40 CFR Part 63, Subpart T) are in conjuction with work practice standards and utomated parts handling. McDonnell Douglas uses open-top vapor degreasers Rule establishes: 1) equipment specifications and work 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning VOC that meet the equipment specifications identified in practice standards for open-top degreasers and Section (4) (B) and the work practice standards conveyorized degreasers. dentified in Section (5) (B). Annual operator training 2) monthly record keeping requirements, and and monthly record keeping systems have been 3) annual operator training. established. A list of qualified operators and operating procedures is posted on this machine. 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP St. Louis County APC Code, Chapter 612 - Section 612.110 St. Louis County Construction Permit #1673. None An initial notification was sent to EPA on October 23. 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning Rule establishes design requirements, sets standards, HAP VD-029-01 Vapor Degreaser VD-029-01 and offers affected solvent cleaning machines three 1996. Construction on this degreaser has not been NESHAP completed. At start-up, this degreaser shall comply by Applicable Subsections 63.460, 63.464, 63.465, 63.467 and 63.468 options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or using the 3-month rolling average compliance option 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (See Form OP-D05 for future compliance determination 3) meeting a limit on total emissions. Options I and 2 (same as 40 CFR Part 63, Subpart T) are in conjuction with work practice standards and methods.) automated parts handling. Same as EU: VD-027-01 Same as EU: VD-027-01 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning VOC 10 CSR 10-6,060, Construction Permits Required/ VOC/HAP St. Louis County APC Code, Chapter 612 - Section 612 110 Construction Permit #6258: Construction Permit #6258: St. Louis County Construction Permit #6258 (Issued: 2/5/97) At start-up, McDonnell Douglas will demonstrate Unit is limited to 2,563 gallons of TCE per year on a 12 compliance by the record keeping methods and reporting month rolling average requirements specified in conditions # 2 and #3 of the 2. Records of monthly TCE usage shall be kept for the latest 24 month period and shall be furnished upon request by the Program Manager 3 If the records indicate TCE usage is in excess of 2,563 gallons per year, the Program Manager shall be notified by the next working day An initial notification was sent to EPA on October 23. Rule establishes design requirements, sets standards, 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning HAP Vapor Degreaser CC-STL-01 VD-042-01 and offers affected solvent cleaning machines three 1995. However, a compliance determination is not NESHAP required at this time since the compliance date for this Applicable Subsections 63.460, 63.463, 63.465, 63.466, 63.467 and 63.468 options for compliance. 1) installing emission control equipment, 2) meeting an idling mode emission limit, or NESHAP is not until December 2, 1997 for existing 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations 3) meeting a limit on total emissions. Options 1 and 2 (same as 40 CFR Part 63, Subpart T) are in conjuction with work practice standards and utomated parts handling. McDonnell Douglas uses open-top vapor degreasers Rule establishes: 1) equipment specifications and work 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning VOC that meet the equipment specifications identified in practice standards for open-top degreasers and Section (4) (B) and the work practice standards conveyorized degreasers, 2) monthly record keeping requirements, and identified in Section (5) (B) Annual operator training and monthly record keeping systems have been 3) annual operator training established. A list of qualified operators and operating procedures is posted on this machine

Section D FORM OP - D04 Plant No. Year Submitted County No. **Facility Name** 1997 0230 4300 **McDonnell Douglas Corporation** Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire unless otherwise noted. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE EMISSION UNIT **EMISSION** EIQ (TESTING, MONITORING, ETC.) AND UNITS POLLUTANT REQUIREMENTS POINT NO. DESCRIPTION UNIT NO. VAPOR DEGREASERS An initial notification was sent to EPA on October 23. Rule establishes design requirements, sets standards, 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning CC-STL-01 VD-042-02 Vapor Degreaser HAP and offers affected solvent cleaning machines three 1995. However, a compliance determination is not NESHAP options for compliance: 1) installing emission control required at this time since the compliance date for this Applicable Subsections 63.460, 63.463, 63.465, 63.466, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations equipment, 2) meeting an idling mode emission limit, or NESHAP is not until December 2, 1997 for existing 3) meeting a limit on total emissions. Options 1 and 2 sources. (same as 40 CFR Part 63, Subpart T) are in conjuction with work practice standards and automated parts handling. McDonnell Douglas uses open-top vapor degreasers Rule establishes: 1) equipment specifications and work 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning voc that meet the equipment specifications identified in practice standards for open-top degreasers and Section (4) (B) and the work practice standards conveyorized degreasers. identified in Section (5) (B). Annual operator training 2) monthly record keeping requirements, and and monthly record keeping systems have been 3) annual operator training. established. A list of qualified operators and operating procedures is posted on this machine. An initial notification was sent to EPA on August 14, Rule establishes design requirements, sets standards, HAP 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning VD-101-01 VD-101-01 Vapor Degreaser and offers affected solvent cleaning machines three 1995. However, a compliance determination is not NESHAP required at this time since the compliance date for this Applicable Subsections 63.460, 63.463, 63.465, 63.466, 63.467 and 63.468 options for compliance: 1) installing emission control NESHAP is not until December 2, 1997 for existing 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 sources. (same as 40 CFR Part 63, Subpart T) are in conjuction with work practice standards and utomated parts handling. Same as EU: VD-027-01 Same as EU: VD-027-01 10 CSR 10-5,300. Control of Emissions from Solvent Metal Cleaning VOC 10 CSR 10-6,060, Construction Permits Required/ VOC/HAP St. Louis County APC Code, Chapter 612 - Section 612.110 N.A. St. Louis County Construction Permit #1172 None An initial notification was sent to EPA on August 14. Rule establishes design requirements, sets standards, 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning HAP VD-101-02 VD-101D-04 Vapor Degreaser and offers affected solvent cleaning machines three 1995. However, a compliance determination is not NESHAP options for compliance: 1) installing emission control Applicable Subsections 63.460, 63.464, 63.465, 63.467 and 63.468 required at this time since the compliance date for this NESHAP is not until December 2, 1997 for existing 10 CSR 10-6,075, Maximum Achievable Control Technology Regulations equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 sources. This degreaser shall comply by using the (same as 40 CFR Part 63, Subpart T) 3-month rolling average compliance option. (See Form are in conjuction with work practice standards and OP-D05 for future compliance determination methods.) utomated parts handling. Same as EU: VD-027-01 Same as EU: VD-027-01 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning VOC 10 CSR 10-6.060, Construction Permits Required/ VOC/HAP St Louis County APC Code, Chapter 612 - Section 612.110 N.A. St. Louis County Construction Permit #6168 None An initial notification was sent to EPA on August 14, Rule establishes design requirements, sets standards, 40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning HAP VD-102-01 Vapor Degreaser VD-102-01 and offers affected solvent cleaning machines three 1995. However, a compliance determination is not NESHAP required at this time since the compliance date for this options for compliance: 1) installing emission control Applicable Subsections 63 460, 63,464, 63,465, 63,467 and 63,468 equipment, 2) meeting an idling mode emission limit, or 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations NESHAP is not until December 2, 1997 for existing sources. This degreaser shall comply by using the 3) meeting a limit on total emissions. Options I and 2 (same as 40 CFR Part 63, Subpart T) 3-month rolling average compliance option. (See Form are in conjuction with work practice standards and OP-D05 for future compliance determination methods) automated parts handling Same as EU: VD-027-01 Same as EU: VD-027-01 10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning VOC 10 CSR 10-6.060, Construction Permits Required/ VOCHAP St Louis County APC Code, Chapter 612 - Section 612 110

St. Louis County Construction Permit #1175

N.A.

None